MARCH, 1931 NUMBER 270

THE UNIVERSITY OF NORTH CAROLINA RECORD

THE CATALOGUE
1930-1931

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1931-1932

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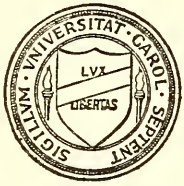

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MARCH, 1931 NUMBER 270

THE UNIVERSITY OF NORTH CAROLINA RECORD

THE ONE HUNDRED AND THIRTY-SEVENTH SESSION

THE CATALOGUE
1930-1931

Announcements for 1931-1932

THE UNIVERSITY OF NORTH CAROLINA PRESS
CHAPEL HILL, N. C.

1931

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CATALOGUE OF EVENTS

1931	
June 6-9	*Saturday through Tuesday.* Commencement Exercises.
June 15-July 22	Summer School of Law, First Term.
June 11-July 21	Summer Session, First Term.
July 22-August 28	Summer Session, Second Term.
July 23-August 29	Summer School of Law, Second Term.
Sept. 9-12	*Wednesday through Saturday.* Entrance Examinations and Examinations to remove conditions.
Sept. 15-17	*Tuesday through Thursday.* Freshman Week.
Sept. 16	*Wednesday.* Registration of Freshmen for the fall quarter.
Sept. 17	*Thursday.* Registration (all except Freshmen) for the fall quarter.
**Sept. 18*	*Friday.* Class work for the fall quarter begins.
Oct. 12	*Monday.* University Day.
Nov. 25	*Wednesday.* Thanksgiving Recess begins (1:00 p.m.).
Nov. 30	*Monday.* Thanksgiving Recess ends (8:30 a.m.).
Dec. 16-19	*Wednesday through Saturday.* Examinations for the fall quarter. Registration (for the winter quarter) of all except Freshmen and Sophomores.
Dec. 19 (afternoon)-Dec. 31, 1931	Christmas Recess.
1932	
Jan. 1	*Friday.* Registration (Freshman, Sophomores, and new students) for the winter quarter.
Jan. 2	*Saturday.* Class work for the winter quarter begins. Regular classes as of Thursday.
Jan. 30	*Saturday.* First Term of the School of Law ends.
Feb. 1	*Monday.* Candidates for the Mangum Medal announce their subjects to their respective Deans.
Feb. 1	*Monday.* Second Term of the School of Law begins.
Mar. 9-12	*Wednesday through Saturday.* Examinations for the winter quarter. Registration (for the spring quarter) of all except Freshmen and Sophomores.
Mar. 12-18	*Saturday afternoon through Friday.* Spring Recess.
Mar. 19	*Saturday.* Registration (Freshmen, Sophomores, and new students) for the spring quarter.
Mar. 21	*Monday.* Class work for the spring quarter begins.
May 2	*Monday.* Selection of Commencement Orators.
May 30-June 2	*Monday through Thursday.* Examinations for the spring quarter.
June 4-7	*Saturday through Tuesday.* Commencement Exercises.

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PART ONE—OFFICERS

BOARD OF TRUSTEES
OFFICERS OF ADMINISTRATION
OFFICERS OF INSTRUCTION
FACULTY COMMITTEES

TRUSTEES

OLIVER MAX GARDNER, Governor, President *ex officio* of the Board of Trustees.

ARCH TURNER ALLEN, Superintendent of Public Instruction, member *ex officio* of the Board of Trustees.

HENRY MAUGER LONDON, Secretary of the Board.

MEMBERS OF THE BOARD

1931*

Thomas Contee Bowie	Ashe
William Edmond Breese	Transylvania
James Lester DeLaney	Mecklenburg
John Christopher Blucher Ehringhaus	Pasquotank
Adolphus Hill Eller	Forsyth
William Nash Everett, Jr.	Richmond
Richard Tillman Fountain	Nash
George Kenneth Grantham	Harnett
Charles Felix Harvey	Lenoir
John Addison Hendricks	Madison
William Lanier Hill	Duplin
Henry Mauger London	Wake
†Addison Goodloe Mangum	Gaston
James Smith Manning	Wake
Cameron Morrison	Mecklenburg
Edward Saunders Parker, Jr.	Guilford
John Johnston Parker	Mecklenburg
Robert Lee Smith	Stanly
Thomas Stringfield	Haywood
Frederick Isler Sutton	Lenoir

* The legal term of office expires November 30th of the year indicated.
† Deceased.

WALTER FRANK TAYLOR.....Wayne
THOMAS DAVIS WARREN.....Craven
BUXTON BARKER WILLIAMS.....Warren
JOHN KENYON WILSON.....Pasquotank
WILLIAM COLEMAN WOODARD.....Nash

1933

ALEXANDER BOYD ANDREWS.....Wake
ISAAC MAYO BAILEY.....Wake
PERRIN BUSBEE.....Wake
JOSEPHUS DANIELS.....Wake
WILLIAM DUNN, JR.....Craven
ALEXANDER HAWKINS GRAHAM.....Orange
AUGUSTUS WASHINGTON GRAHAM.....Granville
GEORGE CHANCELLOR GREEN.....Halifax
HARRY PERCY GRIER.....Iredell
LUTHER THOMPSON HARTSELL.....Cabarrus
JOHN WETMORE HINSDALE.....Wake
WILLIAM STAMPS HOWARD.....Edgecombe
RICHARD HENRY LEWIS, JR.....Granville
PAUL JONES LONG.....Northampton
WILLIAM LUNSFORD LONG.....Halifax
JAMES VANCE MCGOUGAN.....Cumberland
CAMERON MACRAE.....Cabarrus
J. THOMAS MANGUM.....Guilford
JOHN HALL MANNING.....Wake
†JAMES DICK PROCTOR.....Robeson
CHARLES GRANDISON ROSE.....Cumberland
HORACE EDNEY STACY.....Robeson
GEORGE STEPHENS.....Buncombe
NEWMAN ALEXANDER TOWNSEND.....Mecklenburg
WALTER HENDERSON WOODSON.....Rowan

1935

†BENJAMIN LEONIDAS BANKS.....Pasquotank
JAMES CRAWFORD BIGGS.....Wake
WILLIAM HYSLOP SUMNER BURGWYN.....Northampton
BURTON CRAIGE.....Forsyth

† Deceased.

REUBEN OSCAR EVERETT.....Durham
JOSIAH CRUDUP KITTRELL.....Vance
BENJAMIN KITTRELL LASSITER.....Granville
STAHLE LINN.....Rowan
ROBERT EUGENE LITTLE.....Anson
JACOB ELMER LONG.....Durham
JOHN GERALD MURPHY.....New Hanover
WALTER MURPHY.....Rowan
HENRY ALLISON PAGE.....Moore
ROBERT BURWELL REDWINE.....Union
GEORGE CLAIBORNE ROYALL.....Wayne
ABEL ALEXANDER SHUFORD, JR.....Catawba
CHARLES LEE SMITH.....Wake
DAVID BAIRD SMITH.....Mecklenburg
EUGENE JACKSON TUCKER.....Person
ZEB VANCE WALSER.....Davidson
LESLIE WEIL.....Wayne
CHARLES WHEDBEE.....Perquimans
†JOHN NESTOR WILSON.....Guilford
FRANCES DONNELL WINSTON.....Bertie
ALBERT EDGAR WOLTZ.....Gaston

1937

KEMP DAVIS BATTLE.....Nash
MARVIN KEY BLOUNT.....Pitt
WILLIAM GRIMES CLARK.....Edgecombe
FREDERICK JACKSON COXE.....Anson
WILLIE REID DALTON.....Rockingham
CLAUDIUS DOCKERY.....Montgomery
RUFUS ALEXANDER DOUGHTON.....Alleghany
EPHRAIM LASH GAITHER.....Davie
THOMAS JACKSON GOLD.....Guilford
JAMES ALEXANDER GRAY.....Forsyth
FLETCHER HARRISON GREGORY.....Halifax
JOHN SPRUNT HILL.....Durham
CHARLES ANDREW JONAS.....Lincoln
HAMILTON CHAMBERLAIN JONES.....Mecklenburg
WILSON GIDEON LAMB.....Martin

† Deceased.

ANGUS WILTON MCLEAN.....Robeson
JOHN HENRY MCMULLAN.....Beaufort
CHARLES EDWARD MADDRY.....Wake
WILLIAM DANIEL MERRITT.....Person
HAYWOOD PARKER.....Buncombe
†WILLIE MANGUM PERSON.....Franklin
WILLIAM DOSSEY PRUDEN.....Chowan
GRAHAM WOODARD.....Wilson
CLEMENT GILLESPIE WRIGHT.....Guilford
GEORGE ALEXANDER YOUNCE.....Guilford

EXECUTIVE COMMITTEE OF THE TRUSTEES

OLIVER MAX GARDNER, *ex officio* Chairman
HENRY M. LONDON, *ex officio* Secretary

**1930:* A. T. ALLEN, CLAUDIUS DOCKERY, A. H. GRAHAM, LESLIE WEIL, WALTER MURPHY.

**1931:* J. S. HILL, C. L. SMITH, CHARLES WHEDBEE, J. S. MANNING, F. D. WINSTON.

***1932:* A. B. ANDREWS, N. A. TOWNSEND, HAYWOOD PARKER, JOSEPHUS DANIELS, Z. V. WALSER.

† Deceased. * Term expires.

OFFICERS OF ADMINISTRATION

THE UNIVERSITY

Frank Porter Graham, M.A., *President.*

Walter Dallam Toy, M.A., *Secretary of the Faculty.*

Thomas James Wilson, Jr., Ph.D., *Dean of Admissions and Registrar.*

Charles Thomas Woollen, *Business Manager.*

Louis Round Wilson, Ph.D., *Librarian.*

Francis Foster Bradshaw, Ph.D., *Dean of Students.*

Mrs. Marvin Hendrix Stacy, *Adviser to Women.*

Robert Allison Fetzer, B.S., M.A., *Director of Athletics.*

Robert Burton House, A.M., *Executive Secretary.*

Julius Algernon Warren, *Treasurer and Bursar.*

Livingston Bertram Rogerson, *Auditor.*

George Kenneth Grant Henry, Ph.D., *Assistant Registrar.*

Donald Coney, A.M., *Assistant Librarian.*

Ben Husbands, A.B., *Assistant Registrar.*

THE COLLEGE AND THE SCHOOLS

Allan Wilson Hobbs, Ph.D., *Dean of the College of Liberal Arts.*

James Munsie Bell, Ph.D., *Dean of the School of Applied Science.*

Nathan Wilson Walker, Ed.M., *Acting-Dean of the School of Education and Director of the Summer School.*

†Gustave Maurice Braune, C.E., *Dean of the School of Engineering.*

Herman Glenn Baity, Sc.D., *Acting-Dean of the School of Engineering.*

Dudley DeWitt Carroll, M.A., *Dean of the School of Commerce.*

William Whatley Pierson, Jr., Ph.D., *Dean of the Graduate School.*

Charles Tilford McCormick, B.A., LL.B., *Dean of the School of Law.*

Isaac Hall Manning, M.D., *Dean of the School of Medicine.*

†Edward Vernon Howell, A.B., Ph.G., *Dean of the School of Pharmacy.*

John Grover Beard, Ph.G., Ph.M., *Acting-Dean of the School of Pharmacy.*

Howard Washington Odum, Ph.D., *Director of the School of Public Welfare.*

† Deceased.

THE EXTENSION DIVISION

RUSSELL MARVIN GRUMMAN, B.H., *Director.*
EDGAR RALPH RANKIN, A.M., *Head, Department of School Relations.*
LOUISE MANNING VENABLE, A.B., *Executive Secretary.*

THE GYMNASIUM

ROBERT BAKER LAWSON, M.D., *Director.*

THE INFIRMARY

ERIC ALONZO ABERNETHY, S.B., M.D., *University Physician.*

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

HARRY FULCHER COMER, B.S., *General Secretary.*

OFFICERS OF INSTRUCTION

FRANK PORTER GRAHAM, M.A., *President.*
A.B., 1909 (North Carolina); M.A., 1916 (Columbia).

FRANCIS PRESTON VENABLE, Ph. D., D.Sc., LL.D., *Kenan Professor Emeritus of Chemistry.*
A.M., Ph.D., 1881 (Goettingen); LL.D. (Pennsylvania, South Carolina, Alabama, Jefferson); D.Sc. (Lafayette, North Carolina).

WALTER DALLAM TOY, M.A., *Professor of the Germanic Languages and Literatures.*
M.A., 1882 (Virginia).

*WILLIAM CAIN, A.M., LL.D., Sc.D., *Kenan Professor Emeritus of Mathematics.*
A.M., 1886 (N. C. Mil. Polyt. Inst.); LL.D. (South Carolina); Sc.D. (North Carolina).

HENRY HORACE WILLIAMS, A.M., B.D., *Kenan Professor of Philosophy.*
A.B., A.M., 1883 (North Carolina); B.D., 1888 (Yale).

HENRY VANPETERS WILSON, Ph.D., *Kenan Professor of Zoölogy.*
A.B., 1883, Ph.D., 1888 (Johns Hopkins).

COLLIER COBB, A.M., D.Sc., *Professor of Geology and Mineralogy.*
A.B., 1889, A.M., 1894 (Harvard); D.Sc. (Wake Forest).

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*
A.B., 1891 (North Carolina); M.D., 1894 (Jefferson Medical College).

*EDWARD VERNON HOWELL, A.B., Ph.G., *Professor of Pharmacy and Dean of the School of Pharmacy.*
A.B., 1892 (Wake Forest); Ph.G., 1894 (Philadelphia College of Pharmacy).

†MARCUS CICERO STEPHENS NOBLE, Ph.D., *Professor of Pedagogy and Dean of the School of Education.*
Student, 1875-1876 (Davidson); Student, 1877-1879 (North Carolina); Pd.D. (Davidson).

ISAAC HALL MANNING, M.D., *Professor of Physiology and Dean of the School of Medicine.*
Student, 1882-1886 (North Carolina); M.D., 1897 (Long Island College of Medicine).

GEORGE HOWE, Ph.D., *Professor of the Latin Language and Literature.*
A.B., 1897 (Princeton); A.M., Ph.D., 1903 (Halle).

NATHAN WILSON WALKER, A.B., Ed.M., *Professor of Secondary Education, Director of the Summer School, and Acting-Dean of the School of Education.*
A.B., 1903 (North Carolina); Ed.M., 1921 (Harvard).

* Deceased.
† Relieved of administrative duties.

WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
M.D., 1903 (North Carolina).

WILLIAM CHAMBERS COKER, Ph.D., LL.D., *Kenan Professor of Botany.*
B.S., 1894 (South Carolina); Ph.D., 1901 (Johns Hopkins); LL.D., (South Carolina).

ARCHIBALD HENDERSON, Ph.D., D.C.L., LL.D., *Kenan Professor of Mathematics.*
A.B., 1898, A.M., 1899, Ph.D., 1902 (North Carolina); Ph.D., 1915 (Chicago); D.C.L. (University of the South); LL.D. (Tulane).

JOSEPH GREGOIRE DEROULHAC HAMILTON, Ph.D., *Kenan Professor of American History and Government.*
M.A., 1900 (University of the South); Ph.D., 1906 (Columbia).

HENRY MCGILBERT WAGSTAFF, Ph.D., *Professor of History.*
Ph.B., 1899 (North Carolina); Ph.D., 1906 (Johns Hopkins).

PATRICK HENRY WINSTON, *Professor of Law.*
Graduate, 1905 (United States Military Academy); Student, 1905 (North Carolina); Student, 1910 (Michigan).

WILLIAM MORTON DEY, Ph.D., *Professor of the Romance Languages and Literatures.*
B.A., M.A., 1902 (Virginia); A.M., 1904, Ph.D., 1906 (Harvard).

ATWELL CAMPBELL MCINTOSH, A.M., LL.D., *Professor of Law.*
A.B., 1881, A.M., 1887, LL.D. (Davidson).

ALVIN SAWYER WHEELER, Ph.D., *Professor of Organic Chemistry.*
A.B., 1890 (Beloit); A.M., 1897, Ph.D., 1900 (Harvard).

LOUIS ROUND WILSON, Ph.D., *Kenan Professor of Library Administration and Librarian.*
A.B., 1899, A.M., 1902, Ph.D., 1905 (North Carolina).

JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry and Dean of the School of Applied Science.*
B.A., 1902, M.A., 1905 (Toronto); Ph.D., 1905 (Cornell).

JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology*
A.B., 1894, A.M., 1895 (Washington and Lee); M.D., 1897 (Virginia).

THOMAS JAMES WILSON, JR., Ph.D., *Dean of Admissions and Registrar.*
A.B., 1894, A.M., 1896, Ph.D., 1898 (North Carolina).

EUGENE CUNNINGHAM BRANSON, A.M., Litt.D., *Kenan Professor of Rural Social Economics.*
A.M., 1894 (Trinity); A.M., 1899 (Peabody Normal); Litt.D. (Georgia).

DUDLEY DEWITT CARROLL, M.A., *Professor of Economics and Dean of the School of Commerce.*
A.B., 1907 (Guilford); A.B., 1908 (Haverford); M.A., 1915 (Columbia).

FREDERICK HENRY KOCH, A.M., *Professor of Dramatic Literature.*
A.B., 1900 (Ohio Wesleyan); A.M., 1909 (Harvard).

JOHN EMERY LEAR, E.E., *Professor of Electrical Engineering.*
B. S., in E.E., 1901 (Virginia Polytechnic); E.E., 1909 (Texas Agricultural and Mechanical).

JOHN GROVER BEARD, Ph.G., Ph.M., *Professor of Pharmacy and Acting-Dean of the School of Pharmacy.*
Ph.G., 1909 (North Carolina); Ph.M., (Philadelphia College of Pharmacy).

*EDGAR WALLACE KNIGHT, Ph.D., *Professor of Education.*
A.B., 1909, A.M., 1911 (Trinity); Ph.D., 1913 (Columbia).

†WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology.*
B.S., 1903, M.S., 1904 (Syracuse); Ph.D., 1906 (Johns Hopkins).

HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology and Director of the School of Public Welfare.*
A.B., 1904 (Emory); A.M., 1906 (Mississippi); Ph.D., 1909 (Clark); Ph.D. 1910 (Columbia).

WILLIAM STANLEY BERNARD, A.M., *Professor of Greek.*
A.B., 1900, A.M., 1904 (North Carolina).

JOHN MANNING BOOKER, Ph.D., *Professor of English.*
A.B., 1901 (Johns Hopkins); Ph.D., 1912 (Heidelberg).

**THOMAS FELIX HICKERSON, A.M., S.B., *Professor of Civil Engineering.*
Ph.B., 1904, A.M., 1907 (North Carolina); S.B., 1909 (Massachusetts Institute of Technology).

WILLIAM WHATLEY PIERSON, JR., Ph.D., *Professor of History and Government and Dean of the Graduate School.*
A.B., 1910, A.M., 1911 (Alabama); A.M., 1912, Ph.D., 1916 (Columbia).

JOHN FREDERICK DASHIELL, Ph.D., *Professor of Psychology.*
B.S., 1908, B.L., 1909 (Evansville); A.M., 1910, Ph.D., 1913 (Columbia).

FRANCIS FOSTER BRADSHAW, Ph.D., *Dean of Students.*
A.B., 1916 (North Carolina); M.A., 1926, Ph.D., 1930 (Columbia).

STURGIS ELLENO LEAVITT, Ph. D., *Professor of Spanish.*
A.B., 1908 (Bowdoin); A.M., 1913, Ph.D., 1917 (Harvard).

ROBERT DIGGES WIMBERLY CONNOR, Ph.B., *Kenan Professor of American History and Government.*
Ph.B., 1899 (North Carolina).

‡GUSTAVE MAURICE BRAUNE, C.E., *Professor of Civil Engineering and Dean of the School of Engineering.*
B.S., 1888 (Spring Hill); C.E. (Dipl. Ing.), 1895 (Royal Polytechnical Institute, Dresden, Saxony).

KENT JAMES BROWN, Ph.D., *Professor of German.*
A.B., 1901 (Dickinson); Ph.D., 1905 (Pennsylvania).

¶CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*
A.B., 1911 (Wake Forest); Ph.D., 1919 (Columbia).

* Absent on leave, winter and spring quarters, 1931.
† Absent on leave, fall and winter quarters, 1930-1931, on the Kenan Foundation.
** Absent on leave, winter and spring quarters, 1931, on the Kenan Foundation.
‡ Deceased.
¶ Absent on leave, fall quarter, 1930, on the Kenan Foundation.

ROBERT ERVIN COKER, Ph.D., *Professor of Zoölogy.*
S.B., 1896, S.M., 1897 (North Carolina); Ph.D., 1906 (Johns Hopkins).

MARION REX TRABUE, Ph.D., *Professor of Educational Administration.*
A.B., 1911 (Northwestern); M.A., 1914, Ph.D., 1915 (Columbia).

GEORGE MCFARLAND MCKIE, A.M., *Professor of Public Speaking.*
Graduate, 1898 (Emerson College of Oratory); A.B., A.M., 1907 (North Carolina).

ERLE EWART PEACOCK, A.B., M.B.A., *Professor of Accounting.*
A.B. 1914 (Georgia): M.B.A., 1916 (Harvard): C. P. A., State of North Carolina.

HARRY WOLVEN CRANE, Ph.D., *Professor of Psychology.*
A.B., 1909, A.M., 1910, Ph.D., 1913 (Michigan).

ARTHUR MELVILLE JORDAN, Ph.D., *Professor of Educational Psychology.*
A.B., 1907 (Randolph-Macon); A.M., 1909 (Trinity); Ph.D., 1919 (Columbia).

ESEK RAY MOSHER, Ed.D., *Professor of Education and Director of Training.*
A.B., 1903 (Minnesota); A.M., 1907 (Western Reserve); Ed.M., 1921, Ed.D., 1924 (Harvard).

THORNDIKE SAVILLE, C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*
A.B., 1914 (Harvard); B.S., 1914, C.E., 1915 (Dartmouth); M.S., 1917 (Harvard); M.S., 1917 (Mass. Inst. of Technology).

JOHN WAYNE LASLEY, JR., Ph.D., *Professor of Pure Mathematics.*
A.B., 1910, A.M., 1911 (North Carolina); Ph.D., 1920 (Chicago).

ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics and Dean of the College of Liberal Arts.*
A.B., 1907 (Guilford); A.B., 1908 (Haverford); Ph.D., 1917 (Johns Hopkins).

WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*
A.B., 1911, A.M., 1912, Ph.D., 1918 (North Carolina).

OTTO STUHLMAN, JR., Ph.D., *Professor of Physics.*
B.A., 1907 (Cincinnati); M.A., 1909 (Illinois); Ph.D., 1911 (Princeton).

GUSTAVE ADOLPHUS HARRER, Ph.D., *Professor of Latin.*
A.B., 1910, Ph.D., 1913 (Princeton).

ERICH WALTER ZIMMERMAN, Ph.D., *Professor of Commerce and Resources.*
Student, 1903-1907 (Düsseldorf); Ph.D., 1911 (Bonn).

ROBERT HASLEY WETTACH, A.M., S.J.D., *Professor of Law.*
A.B., 1913, A.M., 1914, LL.B., 1917 (Pittsburgh); S.J.D., 1921 (Harvard).

CHARLES TILFORD MCCORMICK, B.A., LL.B., *Professor of Law, and Dean of the School of Law.*
B.A., 1909 (Texas); LL.B., 1912 (Harvard).

GEORGE COFFIN TAYLOR, Ph.D., *Professor of English.*
A.B., 1897 (South Carolina); A.M., 1899 (Harvard); Ph.D., 1906 (Chicago).

OSCAR JACKSON COFFIN, A.B., *Professor of Journalism.*
A.B., 1909 (North Carolina).

WILLIAM JOHN MCKEE, C.E., M.A., *Professor of Education in Extension Teaching.*
C.E., 1909 (Cornell); M.A., 1919 (Columbia).

EDWARD JAMES WOODHOUSE, B.A., LL.B., *Professor of Government.*
B.A., 1903 (Randolph-Macon); LL.B., 1907 (Virginia).

ROBERT BURTON HOUSE, A.M., *Executive Secretary of the University.*
A.B., 1916 (North Carolina); A.M., 1917 (Harvard).

ELMER GEORGE HOEFER, M.E., *Professor of Mechanical Engineering.*
B.S. in M.E., 1905, M.E., 1915 (Wisconsin).

*WILLIAM FLINT THRALL, Ph.D., *Professor of English.*
A.B., 1901, A.M., 1902 (McKendree); A.M., 1915, Ph.D., 1920 (Chicago).

ALBERT COATES, A.B., LL.B., *Professor of Law.*
A.B., 1918 (North Carolina); LL.B., 1923 (Harvard).

URBAN TIGNER HOLMES, JR., Ph.D., *Professor of French.*
A.B., 1920 (Pennsylvania), A.M., 1921, Ph.D., 1923 (Harvard).

†MITCHELL BENNETT GARRETT, Ph.D., *Professor of Modern European History.*
A.B., 1900, A.M., 1903 (Howard); Ph.D., 1910 (Cornell).

MILLARD SHERMAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*
Ph.B., 1917 (Chicago); LL.B., 1918 (Yale).

FRANK KENNETH CAMERON, Ph.D., *Professor of Chemistry.*
A.B., 1891, Ph.D., 1894 (Johns Hopkins).

ERNEST RUTHERFORD GROVES, A.B., B.D., *Research Professor of Sociology.*
A.B., 1903 (Dartmouth); B.D., 1907 (Yale).

HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology and Supervisor of Field Work.*
A. B., 1912, A.M., 1916 (Georgia).

ENGLISH BAGBY, Ph.D., *Professor of Psychology.*
A.B., 1913, A.M., 1914 (Princeton); Ph.D., 1918 (Johns Hopkins).

‡WALLACE EVERETT CALDWELL, Ph.D., *Professor of Ancient History.*
A.B., 1910 (Cornell); Ph.D., 1919 (Columbia).

¶LUTHER LEE BERNARD, Ph.D., *Professor of Sociology.*
A.B., 1907 (Missouri); Ph.D., 1910 (Chicago).

MAURICE TAYLOR VANHECKE, Ph.B., J.D., *Professor of Law.*
Ph.B., 1916, J.D., 1917 (Chicago).

HENRY ROLAND TOTTEN, Ph.D., *Professor of Botany.*
A.B., 1913, A.M., 1914, Ph.D., 1923 (North Carolina).

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* Absent on sick leave, fall and winter quarters, 1930-1931.
† Absent on leave, fall quarter, 1930, on the Kenan Foundation.
‡ Absent on leave winter and spring quarters, 1931, on the Kenan Foundation.
¶ Absent on leave, 1929-1931.

HERMAN GLENN BAITY, Sc.D., *Professor of Sanitary and Municipal Engineering and Acting-Dean of the School of Engineering.*
A.B., 1917, S.B. in C.E., 1922 (North Carolina), M.S., 1925, Sc.D., 1928 (Harvard).

JAMES PENROSE HARLAND, Ph.D., *Professor of Archæology.*
A.B., 1913, Ph.D., 1920 (Princeton).

RICHARD JUNIUS MENDENHALL HOBBS, A.B., LL.B., *Professor of Business Law.*
A.B., 1909 (Guilford); A.B., 1911 (Haverford); LL.B., 1914 (Columbia).

*GEORGE FRANCIS BASON, M.E.E., *Professor of Electrical Engineering.*
B.S. in E.E., 1908 (N. C. State); M.E. in E.E., 1916, M.E.E., 1922 (Cornell).

HAROLD SHELTON DYER, A.B., M.Mus., *Professor of Music.*
A.B., 1913, M.Mus., 1916 (Chicago).

KARL HARTLEY FUSSLER, Ph.D., *Professor of Physics.*
A.B., 1909 (Indiana); Ph.D., 1916 (Pennsylvania).

GEORGE RALEIGH COFFMAN, Ph.D., *Kenan Professor of English.*
A.B., 1903 (Drake); A.M., 1909 (Harvard); Ph.D., 1913 (Chicago).

JAMES TALMADGE DOBBINS, Ph.D., *Professor of Chemistry.*
A.B., 1911, A.M., 1912, Ph.D., 1914 (North Carolina).

SAMUEL HUNTINGTON HOBBS, Ph.D., *Professor of Rural Social Economics.*
A.B., 1916, A.M., 1917 (North Carolina); Ph.D., 1929 (Wisconsin).

DANIEL ALLEN MACPHERSON, Ph.D., *Professor of Bacteriology.*
Ph.B., 1919, Sc.M., 1920 (Brown); Ph.D., 1929 (Chicago).

JOHN BROOKS WOOSLEY, A.M., *Professor of Economics.*
A.B., 1912 (Guilford); A.B., 1913, A.M., 1914 (Haverford).

NICHOLSON BARNEY ADAMS, Ph.D., *Professor of Spanish.*
A.B., 1915 (Washington and Lee); M.A., 1920, Ph.D., 1922 (Columbia).

LOREN CAREY MACKINNEY, Ph.D., *Professor of Medieval History.*
A.B., 1913 (Lawrence); A.M., 1916 (Wisconsin); Ph.D., 1925 (Chicago).

GEORGE HOWARD, Ph.D., *Professor of Education in Extension Teaching.*
A.B., 1912 (Davidson); A.M., 1922, Ph.D., 1924 (Columbia).

WILLIAM CLIFFORD MORSE, Ph.D., *Visiting Professor of Geology.*
B.A., 1906, M.A., 1908 (Ohio State); Ph.D., 1927 (Massachusetts Institute of Technology).

RICHARD CHARLES MILLS, Ll.M., D.Sc., *Visiting Professor of Economics.*
Ll.M., 1909 (Melbourne); D.Sc., 1915 (Eton [London]).

ROBERT BAKER LAWSON, M.D., *Associate Professor of Applied Anatomy and Director of the Gymnasium.*
Student, 1897-1900 (North Carolina); M.D., 1902 (Maryland).

* Absent on sick leave, fall quarter, 1930; resigned Jan. 1, 1931.

Howard Russell Huse, Ph.D., *Associate Professor of Romance Languages.*
Ph.B., 1913, Ph.D., 1930 (Chicago).

Arthur Simeon Winsor, Ph.D., *Associate Professor of Mathematics.*
A.B., 1914, A.M., 1915 (Mount Allison); Ph.D., 1927 (Johns Hopkins).

Floyd Harris Edmister, Ph.D., *Associate Professor of Chemistry.*
B.S., 1912 (Syracuse); M.S., 1913 (Louisiana State); Ph.D., 1918 (Syracuse).

Malcolm Dean Taylor, A.B., M.B.A., *Associate Professor of Marketing.*
A.B., 1921 (Oberlin); M.B.A., 1923 (Harvard).

Ernest Lloyd Mackie, Ph.D., *Associate Professor of Mathematics.*
A.B., 1917 (North Carolina); A.M., 1920 (Harvard); Ph.D., 1927 (Chicago).

Corydon Perry Spruill, Jr., A.B., B.Litt.(Oxon.), *Associate Professor of Economics.*
A.B., 1920 (North Carolina); B.Litt., 1922 (Oxford).

Edward Tankard Browne, Ph.D., *Associate Professor of Mathematics.*
A.B., 1915, A.M., 1917 (Virginia); Ph.D., 1926 (Chicago).

Ernst Christian Paul Metzenthin, Ph.D., *Associate Professor of German.*
A.M., 1913 (Pennsylvania State); Ph.D., 1915 (Pennsylvania).

*Joel Howard Swartz, Ph.D., *Associate Professor of Geology.*
A.B., 1915, Ph.D., 1923 (Johns Hopkins).

Wiley Britton Sanders, Ph.D., *Associate Professor of Sociology.*
A.B., 1919 (Emory College); A.M., 1920 (Emory University); A.M., 1921 (North Carolina); Ph.D., 1929 (Chicago).

Shipp Gillespie Sanders, A.M., *Associate Professor of Latin.*
A.B., 1909 (Southwestern); A.M., 1915 (Princeton).

Joe Burton Linker, Ph.D., *Associate Professor of Mathematics.*
A.B., 1918, A.M., 1920 (North Carolina); Ph.D., 1924 (Johns Hopkins).

Joseph Merritt Lear, M.A., *Associate Professor of Insurance.*
A.B., 1900, A.M., 1902 (Randolph-Macon); M.A., 1915 (Columbia).

Gustav Theodor Schwenning, Ph.D., *Associate Professor of Business Administration.*
B.H., 1920 (Springfield); M.A., 1921, Ph.D., 1925 (Clark).

Carleton Estey Preston, Ph.D., *Associate Professor of the Teaching of Science.*
A.B., 1899, A.M., 1900, Ph.D., 1902 (Harvard).

*Earle Keith Plyler, Ph.D., *Associate Professor of Physics.*
B.A., 1917, M.A., 1918 (Furman); M.A., 1923 (Johns Hopkins); Ph.D., 1924 (Cornell).

Preston Cook Farrar, M.A., *Associate Professor of the Teaching of English.*
A.B., 1891 (Washington and Jefferson); M.A., 1904 (Columbia).

* Absent on leave, 1930-1931.

HUGO GIDUZ, A.B., *Associate Professor of the Teaching of French.*
A.B., 1905 (Harvard).

CLARENCE HEER, Ph.D., *Associate Professor of Public Finance.*
A.B., 1914 (Rochester); Ph.D., 1926 (Columbia).

HERMAN HENRY STAAB, M.A., *Associate Professor of Romance Languages.*
B.A., M.A., 1912 (University of the South).

ALMONTE CHARLES HOWELL, Ph.D., *Associate Professor of English.*
A.B., 1917 (Denison); M.A., 1920 (Columbia); Ph.D., 1924 (North Carolina).

GREGORY LANSING PAINE, Ph.D., *Associate Professor of English.*
Ph.B., 1914, A.M., 1920, Ph.D., 1924 (Chicago).

WILLIAM DOUGALD MACMILLAN III, Ph.D., *Associate Professor of English.*
A.B., 1918, A.M., 1920, Ph.D., 1925 (North Carolina).

JOHN NATHANIEL COUCH, Ph.D., *Associate Professor of Botany.*
A.B., 1919, A.M., 1922, Ph.D., 1924 (North Carolina).

MILTON SYDNEY HEATH, A.M., *Associate Professor of Economics.*
A.B., 1920 (Kansas); A.M., 1924 (Harvard).

HOWARD FREDERICK MUNCH, A.M., *Associate Professor of the Teaching of Mathematics.*
B.S., 1904 (Adrian College); A.M., 1926 (Chicago).

FREDERICK BAYS MCCALL, A.B., LL.B., *Associate Professor of Law.*
A.B., 1915 (North Carolina); LL.B., 1928 (Yale).

ROY WILLIAM MORRISON, Ph.D., *Associate Professor of Education in Extension Teaching.*
A.B., 1916 (Davidson); Ph.D., 1928 (North Carolina).

HARRY DEMERLE WOLF, Ph.D., *Associate Professor of Economics.*
B.S., 1922 (Kansas State Teachers College); A.M., 1923, Ph.D., 1926 (Chicago).

DONALD CONEY, A.M., *Associate Professor of Library Administration.*
A.B., 1925, A.M., 1927 (Michigan).

GEORGE WALLACE SMITH, S.B., *Associate Professor of Engineering.*
S.B. in E.E., 1916 (North Carolina).

RALPH MCCOY TRIMBLE, C.E., S.M., *Associate Professor of Civil Engineering.*
C.E., 1921 (Virginia); S.M., 1927 (North Carolina).

*CHARLES DALE BEERS, Ph.D., *Associate Professor of Zoölogy.*
A.B., 1921, A.M., 1922 (North Carolina); Ph.D., 1925 (Johns Hopkins).

PAUL ELLIOTT GREEN, A.B., *Associate Professor of Philosophy.*
A.B., 1921 (North Carolina).

KEENER CHAPMAN FRAZER, A.M., *Associate Professor of Government.*
A.B., 1920 (Wofford); A.M., 1921 (North Carolina).

* Absent on leave, 1930-1931.

HORACE DOWNS CROCKFORD, Ph.D., *Associate Professor of Chemistry.*
B.S., 1920 (N. C. State College of Agriculture and Engineering); S.M., 1923, Ph.D., 1926 (North Carolina).

FREDERICK PHILLIPS BROOKS, Ph.D., *Associate Professor of Bio-Chemistry.*
S.B. in Chemistry, 1921, S.M., 1922, Ph.D., 1926 (North Carolina).

JOHN CORIDEN LYONS, Ph.D., *Associate Professor of French.*
B.S., 1920, M.A., 1921 (William and Mary); Ph.D., 1927 (North Carolina).

THOMAS SMITH MCCORKLE, B.Mus., *Associate Professor of Music.*
B.Mus., 1920 (Texas W. C. Conservatory).

FLETCHER MELVIN GREEN, Ph.D., *Associate Professor of American History.*
B.Ph., 1920 (Emory); A.M., 1922, Ph.D., 1927 (North Carolina).

NEIL PHILLIPS BAILEY, M.S., *Associate Professor of Mechanical Engineering.*
B.S. in M.E., 1924 (Colorado); M.S. in M.E., 1927 (Idaho).

ALFRED MCCLAREN WHITE, Sc.D., *Associate Professor of Chemical Engineering.*
B.S.E., 1925 (Michigan); M.S., 1926 (California); Sc.D., 1928 (Michigan).

ARTHUR PALMER HUDSON, Ph.D., *Associate Professor of English.*
B.S., 1913, M.A., 1920 (Mississippi); Ph.D., 1930 (North Carolina).

ESTON EVERETT ERICSON, Ph.D., *Associate Professor of English.*
B.A., 1923 (Montana); M.A., 1925 (Maryland); Ph.D., 1928 (Johns Hopkins).

NATHANIEL PERKINSON HAYES, S.B. in C.E., *Acting-Associate Professor of Civil Engineering.*
A.B., 1921, S.B. in Civil Engineering, 1922 (North Carolina).

GERALD RALEIGH MACCARTHY, Ph.D., *Assistant Professor of Geology.*
A.B., 1921 (Cornell); A.M., 1924, Ph.D., 1926 (North Carolina).

MICHAEL ARENDELL HILL, JR., A.M., *Assistant Professor of Mathematics.*
A.B., 1920, A.M., 1921 (North Carolina).

JOHN MINOR GWYNN, A.M., *Assistant Professor of the Teaching of Latin.*
A.B., 1918, A.M., 1927 (North Carolina).

ARNOLD KIMSEY KING, A.B. in Educ., A.M., *Assistant Professor of the Teaching of History.*
A.B. in Educ., 1925 (North Carolina); A.M., 1927 (Chicago).

*JEFFERSON CARNEY BYNUM, S.M., *Assistant Professor of Geography and Geology.*
S.B. in Geology, 1920, S.M., 1926 (North Carolina).

*PAUL WOODFORD WAGER, Ph.D., *Assistant Professor of Rural Social Economics.*
B.S., 1917 (Hobart College); A.M., 1920 (Haverford); Ph.D., 1927 (North Carolina).

* Absent on leave, 1930-1931.

MARION LEE JACOBS, Ph.G., M.Sc., *Assistant Professor of Pharmacy.*
Ph.G., 1920 (North Carolina); M.Sc., 1926 (Nebraska).

WILLIAM VANN PARKER, A.M., *Assistant Professor of Mathematics.*
A.B., 1923, A.M., 1924 (North Carolina).

SALLIE BELLE MARKS, M.A., *Assistant Professor of Elementary Education.*
A.B., 1923 (S. W. Teachers College); M.A., 1926 (Columbia).

CECILIA HATRICK BASON, M.A., *Assistant Professor of Education in Extension Teaching.*
A.B., 1909 (Flora Macdonald); M.A., 1926 (Columbia).

ROLAND PRINCE MCCLAMROCH, Ph.D., *Assistant Professor of English.*
A.B., 1920, A.M., 1922, Ph.D., 1927 (North Carolina).

RALPH WALTON BOST, Ph.D., *Assistant Professor of Chemistry.*
A.B., 1923 (Newberry); A.M., 1924, Ph.D., 1928 (North Carolina).

STEPHEN ALBERT EMERY, Ph.D., *Assistant Professor of Philosophy.*
A.B., 1923, Ph.D., 1928 (Cornell).

WIRTH FITCH FERGER, M.A., *Assistant Professor of Economics.*
B.A., 1919, M.A., 1926 (Wisconsin); M.A., 1920 (Columbia).

JAMES GILBERT EVANS, M.A., *Assistant Professor of Economics.*
A.B., 1921 (Simpson); M.A., 1924 (Illinois).

RAYMOND WILLIAM ADAMS, Ph.D., *Assistant Professor of English.*
A.B., 1920 (Beloit); A.M., 1921, Ph.D., 1928 (North Carolina).

WILLIAM ANDERSON OLSEN, A.M., *Assistant Professor of English.*
A.B., 1923 (Cornell); A.M., 1928 (North Carolina).

NELSON OTIS KENNEDY, Mus.B., *Assistant Professor of Music.*
Mus.B., 1923 (Knox College Conservatory); Mus.B., 1926 (American Conservatory).

GEORGE WARD FENLEY, Ph.D., *Assistant Professor of French.*
A.B., 1921, A.M., 1924 (Baylor); Ph.D., 1929 (North Carolina).

LEE MARSHALL BROOKS, Ph.D., *Assistant Professor of Sociology.*
A.B., 1925 (Boston); A.M., 1926, Ph.D., 1929 (North Carolina).

LOUIS BOOKER WRIGHT, Ph.D., *Assistant Professor of English.*
A.B., 1920 (Wofford); A.M., 1924, Ph.D., 1926 (North Carolina).

RICHMOND PUGH BOND, Ph.D., *Assistant Professor of English.*
A.B., 1920 (Vanderbilt); A.M., 1923, Ph.D., 1929 (Harvard).

CECIL JOHN MCHALE, B.A. in Library Sc., M.A., *Assistant Professor of Library Administration.*
B.A., 1922 (Carleton); M.A., 1925 (Harvard); B.A. in Library Sc., 1929 (Michigan).

GRACE PENN WOODMAN, *Assistant Professor of Music Education in Extension Teaching.*

ROBERT HOWARD SHERRILL, M.A., C.P.A., *Assistant Professor of Accounting.*
S.B.Comm., 1925 (North Carolina); M.A., 1927 (Columbia); C.P.A., State of North Carolina.

Ralph Steele Boggs, Ph.D., *Assistant Professor of Spanish.*
Ph.B., 1926, Ph.D., 1930 (Chicago).

Sterling Aubrey Stoudemire, Ph.D., *Assistant Professor of Spanish.*
A.B., 1923, A.M., 1924, Ph.D., 1930 (North Carolina).

Samuel Selden, A.B., *Assistant Professor of English and Associate Director of the Carolina Playmakers.*
A.B., 1922 (Yale).

Charles Christopher Crittenden, Ph.D., *Assistant Professor of History.*
A.B., 1921, A.M., 1922 (Wake Forest); Ph.D., 1930 (Yale).

William Sumner Jenkins, Ph.D., *Assistant Professor of Government.*
A.B., 1924, A.M., 1925, Ph.D., 1927 (North Carolina).

Ralph Westermann, M.A., *Assistant Professor of English.*
A.B., 1922, M.A., 1927 (College of the Pacific).

Gladys Angel, M.A., *Assistant Professor of Health and Physical Education in Extension Teaching.*
B.S., 1923, M.A., 1930 (Teachers' College, Columbia).

Joseph Manson Valentine, Ph.D., *Acting-Assistant Professor of Zoölogy.*
B.A., 1923, Ph.D., 1928 (Yale).

John Leroy Smith, A.M., *Instructor in French.*
A.B., 1917, A.M., 1924 (North Carolina).

Thomas Ewell Wright, A.M., *Instructor in French.*
A.B., 1922, A.M., 1926 (North Carolina).

William Richardson Abbot, A.M., *Instructor in English.*
B.A., 1923 (Virginia); A.M., 1924 (Princeton).

*James Willis Posey, A.M., *Instructor in English.*
A.B., 1923 (Texas); A.M., 1927 (North Carolina).

James Osler Bailey, A.M., *Instructor in English.*
A.B., 1924, A.M., 1927 (North Carolina).

Hill Shine, A.M., *Instructor in English.*
A.B., 1921, A.M., 1925 (North Carolina).

Rudolph Samuel Matthews, A.B., *Instructor in German.*
A.B., 1925 (North Carolina).

†Lorenzo James Bell, Jr., A.M., *Instructor in German.*
A.B., 1927, A.M., 1930 (North Carolina).

Robert White Linker, A.M., *Instructor in French.*
A.B., 1925, A.M., 1928 (North Carolina).

William Lester Wilson, A.M., *Instructor in English.*
A.B., 1921 (Piedmont); A.M., 1928 (North Carolina).

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* Absent on sick leave, fall and winter quarters, 1930-1931.
† Deceased.

HENRY NELSON DEWICK, A.M., *Instructor in Psychology.*
A.B., 1927, A.M., 1928 (Wesleyan).

JOHN ERWIN CARROLL, A.M., *Instructor in Romance Languages.*
B.S., 1923 (The Citadel); A.M., 1928 (North Carolina).

ARTHUR RUSSELL HOLLETT, S.B. in C.E., *Instructor in Engineering.*
S.B. in Civ. Eng'g., 1928 (North Carolina).

RAYMOND FRANKLIN STAINBACK, S.B. in E.E., *Instructor in Electrical Engineering.*
S.B. in Elec. Eng'g., 1926 (North Carolina).

JOHN AYMAN DOWNS, A.M., *Instructor in French.*
A.B. in Educ., 1927, A.M., 1929 (North Carolina).

REX SHELTON WINSLOW, A.M., *Instructor in Economics.*
A.B., 1923 (Simpson); A.M., 1929 (Illinois).

ELWOOD CARTELYOU HUNTER, A.M., *Instructor in Education.*
A.B. in Educ., 1929, A.M., 1930 (North Carolina).

JAMES JERRY SLADE, JR., S.B. in C.E., *Instructor in Engineering.*
S.B. in C.E., 1929 (North Carolina).

ROBERT DOUTHAT MEADE, M.A., *Instructor in History.*
B.A., 1924, M.A., 1926 (Virginia).

SHERMAN BISBEE BARNES, A.B., *Instructor in History.*
A.B., 1929 (Columbia).

DURON CLOUGH CORBITT, A.M., *Instructor in History.*
A.B., 1923 (Asbury); A.M., 1926 (Emory).

*EDWARD CALEB COKER, JR., A.M., *Instructor in Mathematics.*
A.B., 1928, A.M., 1930 (North Carolina).

EDWARD ALEXANDER CAMERON, A.M., *Instructor in Mathematics.*
A.B. in Educ., 1928, A.M., 1929 (North Carolina).

THOMAS BRADLY STROUP, A.M., *Instructor in English.*
A.B., 1926, A.M., 1927 (North Carolina).

**HARRY KITSUN RUSSELL, A.M., *Instructor in English.*
A.B., 1923 (Davidson); A.M., 1928 (North Carolina).

EDWIN WEEMS WINKLER, B.S. in E.E., *Instructor in Engineering.*
B.S. in E.E., 1928 (Montana State).

WILLIAM MILTON MCLEOD, A.M., *Instructor in French.*
A.B., 1921 (Wofford); A.M., 1930 (North Carolina).

IRVING LEE MARTIN, S.M., *Instructor in Geography and Geology.*
S.B. in Geology, 1927, S.M., 1928 (North Carolina).

FRANCIS CLEMENT HAYES, M.A., *Instructor in French.*
A.B., 1928 (North Carolina); M.A., 1930 (Columbia).

PAUL EDMONDSON SHEARIN, A.M., *Instructor in Physics.*
A.B. in Education, 1929, A.M., 1930 (North Carolina).

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*Resigned January, 1931.
** Absent on leave, 1930-1931.

VanCourtlandt Elliott, A.M., *Instructor in Latin.*
A.B., 1928 (Bowdoin); A.M., 1929 (North Carolina).

Harry Eugene Bolen, S.B. in Pharm., *Instructor in Pharmacy.*
S.B. in Pharmacy, 1930 (North Carolina).

Frederick Davis Mellen, A.M., *Instructor in English.*
A.B., 1903 (Millsaps); M.S., 1907 (Miss. A. and M.); A.M., 1928 (Chicago).

Carl Hamilton Pegg, Ph.D., *Instructor in History.*
A.B., 1927, A.M., 1927, Ph.D., 1929 (North Carolina).

John Dargan Watson, S.B. in C.E., *Instructor in Civil Engineering.*
A.B., 1925 (Furman); S.B. in Civil Engineering, 1928 (North Carolina).

James Howell, A.B., *Instructor in English.*
A.B., 1925 (Guilford).

Thomas Pasteur Noe, Jr., S.M., *Instructor in Civil Engineering.*
A.B., 1926 (Univ. of the South); S.B. in Civ. Eng'g., 1928, S.M. in Civ. Eng'g., 1930 (North Carolina).

Ralph Stokes Collins, A.B., *Instructor in German.*
A.B., 1930 (North Carolina).

Harry Leslie Dillin, B.A., *Instructor in Mathematics.*
B.A., 1928 (St. Stephens).

Irving Joseph Stephenson, A.B., *Instructor in Mathematics.*
A.B., 1922 (North Carolina).

TEACHING FELLOWS, 1930-1931

Andrew Clark Mathews, A.B.	Botany
Joseph Nisbet LeConte, S.M.	Chemistry
William Franklin Smith, A.M.	Chemistry
James Otho Turner, A.B.	Chemistry
Philip Macon Cheek, A.M.	Classics
Harry Gray Brainard, S.B. in Commerce	Economics
Donald Fraser Martin, Jr., A.B.	Economics
Ralph Muse Lyon, A.M.	Education
John Baptist Pittano, S.B. in Mech. Eng'g.	Engineering
John Walter Scott, A.B.	English
George Frank Sensabaugh, A.M.	English
Mitchell Preston Wells, A.B.	English
William Thompson Holland, S.M.	Geology
Maxcy Robson Dickson, A.B.	History & Gov't.
Auxford Sumner Sartain, A.M.	History & Gov't.
Vernon Lane Wharton, A.B.	History & Gov't.
Charles Alexander Denson, A.B.	Mathematics
Robert Lee Garrett, A.M.	Mathematics
Henry Herman zurBurg, A.B.	Physics
George Glenn Killinger, A.B.	Psychology
Norman Wilson Lyon, A.M.	Psychology
Walter Devereaux Creech, Jr., A.M.	Romance Languages
David Franklin McDowell, A.M.	Romance Languages
Percy Wise, A.B. in Educ.	Romance Languages
Lyle Lyndon Williams, A.M.	Zoölogy

STUDENT ASSISTANTS, 1930-1931

ROBERT EDWARDS STONE.....Anatomy
ALMA HOLLAND, A.B.....Botany
NELL QUINBY HENRY, A.B.....Botany
BUD ELMON SMITH.....Botany
ROBERT HERSCHEL BELCHER, S.B.....Chemistry
RALPH MILLEDGE BYRD, S.M.....Chemistry
GEORGE HOENSHEL FLEMING, S.B.....Chemistry
ESMARCH SENN GILREATH, A.M.....Chemistry
CLIVE VERGIL HARRILL, A.B.....Chemistry
AUSKER EDWARD HUGHES, S.M.....Chemistry
THOMAS LUTHER KING, S.B.....Chemistry
HARVEY ALBERT LJUNG, S.M.....Chemistry
WILLIAM JUDSON MATTOX, A.M.....Chemistry
JEPTHA SANDERS, S.M.....Chemistry
SIDNEY WILLIAM SAYRE.....Commerce
WILLIAM AARON SHERRILL.....Commerce
JOHN GARY SLATER.....Commerce
WILLIAM RUDOLPH CURTIS.....Economics
JAMES KENNETH SMITH.....Economics
DAVID HEZEKIAH BRIGGS, Ph.D.....Education
ERNEST LELAND MIDGETTE.....Engineering
RANKIN JONES WHITE.....Engineering
WILLIAM JEROME WORTMAN.....Engineering
ANDREW JOHN MAHLER.....English
GEORGE FREDERICK HORNER, A.M.....English
RICHARD ORR HUNSAKER, A.B.....English
SAMUEL JESSE MCCOY, M.A.....English
ALEXANDRE EMIL ALEXANDER, A.B.....Geology
KENNETH RHODES BYERLY, B.B.A.....Geology
JOHN WILSON CLINARD, JR.....Geology
CHARLES STEWART MAURICE, A.B.....Geology
ERWIN RALPH SCOTT.....Geology
NAOMI ALEXANDER, A.B.....Law
HUGH LEWIS LOBDELL, B.S.....Law
SUSIE SHARP, LL.B.....Law
JAMES HARMON CHADBOURN.....Law
BRODDIE DUKE ARNOLD.....Pharmacy
RAY PALMER CRAIG.....Pharmacy
KELLY WILLIAM HUSS.....Pharmacy
RUFUS HENRY TEMPLE.....Pharmacy
KARL ZIEGLER MORGAN, A.B.....Physics
CLAUDE JACKSON CRAVEN.....Physics
SELMA LEE FULLER, A.B.....Zoölogy
JACK STILES DENDY, B.S.....Zoölogy
KOLBEIN LUDVIG KJELLESVIG.....Zoölogy
HERBERT HECKENBLEIKNER.....Zoölogy

FACULTY COMMITTEES

The President is a member *ex officio* of all committees.

ADVISORY (*elected*). Professors Bell, Carroll, Coker, W. C., Connor, Dey, Hobbs, A. W., Pierson, Wilson, L. R.

EXECUTIVE (*elected*). Professors Harrer, Chairman, Baity, Couch, Leavitt, Mackie, Van Hecke.

ATHLETICS. Professors Hobbs, A. W., Chairman, Baity, Connor.

CHAPEL. Dean Bradshaw, Chairman, Professors Bernard, Carroll, House, Mangum, Meyer, Mr. Comer.

CO-OPERATION WITH THE ALUMNI. Professors Bernard, Coates, Connor, Wilson, L.R., Dean Bradshaw.

DEBATES. Professors Bernard, Coates, McKie, Williams.

DRAMATICS. Professors Koch, Chairman, Dyer, Howe, McKie. Wheeler.

ENGLISH COMPOSITION. Professors Thrall, Chairman, Adams, Bagby, Bell, Farrar, Ferger, McCormick, MacMillan, Pierson, Sanders, W. B., Totten.

ENTRANCE REQUIREMENTS. Professors Walker, Chairman, Caldwell, Carroll, Coker, R. E., Harrer, Mosher, Wilson, T. J.

FOREIGN STUDY. Professors Dey, Chairman, Bell, Harrer, Leavitt, Pierson, Mr. Grumman.

FRATERNITIES. Professors Dey, Chairman, Bernard, Lyons, Wilson, T. J., Dean Bradshaw.

GROUNDS AND BUILDINGS. Professors Coker, W. C., Chairman, Booker, MacNider, Odum, Wheeler, Mr. Woollen.

HEALTH AND SANITATION. Doctor Abernethy, Chairman, Professors Braune, Bullitt, Saville, Mr. Woollen.

LIBRARY BOOK COMMITTEE. Professors Wilson, L. R., Chairman, Bernard, Coker, W. C., Dey, MacNider, Murchison, Pierson.

LIBRARY BUDGET. The Librarian, the Deans of the College, the Schools of Applied Science, Commerce, Engineering, Education, and the Graduate School, the President.

MCNAIR LECTURES. Professors Williams, Chairman, Bell, Harrer, Henderson, MacNider.

MUSICAL AND DRAMATIC ACTIVITIES. Professors Hobbs, A.W., Chairman, Dyer, Howe, Koch, Wilson, L. R.

PUBLIC LECTURES. Professors Hobbs, A.W., Chairman, Coker, W. C., Henderson, MacNider.

PUBLIC OCCASIONS AND CELEBRATIONS. Professors Connor, Hamilton, Henderson, Howe, Mangum, Wheeler, Mr. Woollen.

REGULATION OF STUDENT DANCES. Professors Bernard, Chairman, Coker, R. E., Dey.

STUDENT LIFE AND ACTIVITIES. Dean Bradshaw, Chairman. Professors, Bernard, Booker, Dyer, Meyer.

STUDENT MORTALITY. Professors Trabue, Chairman, Dashiell Jordan, Lasley, Wilson, T. J., Dean Bradshaw.

TRAVEL STUDY IN AMERICA. Professors Bell, Chairman, Murchison, Prouty.

UNIVERSITY SERMONS. Professors Toy, Chairman, Cobb, Odum, Wheeler.

WEIL LECTURES. Professors Odum, Chairman, Connor, Murchison, Wilson, L. R.

PART TWO—GENERAL INFORMATION

THE UNIVERSITY
GROUNDS AND BUILDINGS
THE LIBRARY
THE UNIVERSITY PRESS
ADMISSION
EXPENSES
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THE ASSOCIATION OF THE ALUMNI

THE UNIVERSITY

FOUNDATION AND GOVERNMENT

The University was established in obedience to the first Constitution of the State, which was adopted in December, 1776. A clause of section XLI declared that "all useful learning shall be duly encouraged and promoted in one or more universities." The charter was granted by the General Assembly in 1789, the cornerstone of the Old East Building was laid in 1793, and the University was opened in 1795.

The title, preamble, and first section of the Act of Incorporation are as follows:

"AN ACT TO ESTABLISH A UNIVERSITY IN THIS STATE"

"WHEREAS in all well regulated Governments, it is the indispensable Duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honorable Discharge of the Social Duties of Life, by paying the strictest attention to their Education: And whereas an University supported by permanent Funds, and well endowed, would have the most direct Tendency to answer the above Purpose:

"I. *Be it therefore enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the Authority of the Same, That, Samuel Johnson, James Iredell, Charles Johnson, Hugh Williamson, Stephen Cabarrus, Richard Dobbs Spaight, William Blount, Benjamin Williams, John Sitgreaves, Frederick Harget, Robert Snead, Archibald Maclaine,* Honourable *Samuel Ashe, Robert Dixon, Benjamin Smith,* Honourable *Samuel Spencer, John Hay, James Hogg, Henry William Harrington, William Barry Grove,* Reverend *Samuel McCorkle, Adlai*

Osborne, John Stokes, John Hamilton, Joseph Graham, Honourable *John Williams, Thomas Person, Alfred Moore, Alexander Mebane, Joel Lane, Willie Jones, Benjamin Hawkins, John Haywood,* senior, *John Macon, William Richardson Davie, Joseph Dixon, William Lenoir, Joseph M'Dowell, James Holland* and *William Porter, Esquires,* shall be and they are hereby declared to be a body politic and corporate to be known and distinguished by the name of *The Trustees of the University of North Carolina** and by that name shall have perpetual Succession and a common Seal; and that they, the Trustees and their Successors, by the Name aforesaid, or a Majority of them, shall be able and capable in Law to take, demand, receive and possess all Monies, Goods and Chattels that shall be given them for the Use of the said University and the same apply according to the Will of the Donors, and by Gift, Purchase or Devise to take, have, receive, possess, enjoy and retain to them and their Successors forever, any Lands, Rents, Tenements and Hereditaments, of what Kind, Nature or Quality soever the same may be, in special Trust and Confidence that the same or Profits thereof shall be applied to and for the Use and Purpose of establishing the said University."†

The University is governed by a board of trustees elected by the Legislature and is free from sectionalism, sectarian or political control. The Governor of the State is *ex officio* President of the Board of Trustees.

Article IV of the Constitution of 1876 contains the following provisions regarding the University:

"Sec. 6. The General Assembly shall have power to provide for the election of Trustees of the University of North Carolina, in whom, when chosen, shall be vested all the privileges, rights, franchise, and endowments thereof, in any wise granted to or conferred upon the Trustees of said University; and the General Assembly may make such provisions, laws, and regulations from time to time as may be necessary and expedient for the maintenance and management of said University.

"Sec. 7. The General Assembly shall provide that the benefits of the University, as far as practicable, be extended to the youth of the State free of expense for tuition; also all the property which has heretofore accrued to the State, or shall hereafter accrue, from escheats, unclaimed dividends, or distributive shares of the estates of deceased persons, shall be appropriated to the use of the University."

SITUATION AND GENERAL ADVANTAGES

The University is situated at Chapel Hill, twelve miles from Durham and thirty miles from Raleigh. It may be reached by rail from University Junction, or by an automobile line which maintains a regular schedule from Durham. The site of the University is on a promontory of granite, belonging to the Laurentian system, about three hundred feet above the sandstone formation to the east that was once the bed of a great body of water. It is near the center of the State, midway between the mountains and the sea, with sufficient elevation to insure healthful and pleasant working conditions. On this promontory the great roads from Petersburg to Pittsboro and from New Bern to Greensboro crossed. At the crossing was a chapel of the Church of England, giving to the eminence its name, New Hope

* The corporate name has been changed to The University of North Carolina.
† Laws of the State of North Carolina, published by James Iredell, Edenton, 1791.

Chapel. The name "Chapel Hill" occurs in the report of the Trustees, November, 1792, on the choice of a site, and a contemporary account describes the site as follows:

"The seat of the University is on the summit of a very high ridge. . . . The ridge appears to commence about half a mile directly east of the building, where it rises abruptly several hundred feet. This peak is called Point Prospect. The flat country spreads out below like the ocean, giving an immense hemisphere in which the eye seems lost in the extent of space."

The University owns, contiguous to the campus of one hundred and six acres, five hundred acres of forest lands, partly laid off in walks and drives. The present buildings of the University, forty-six in number, range in age from the Old East dating from 1793 to the new Memorial Hall completed in the winter of 1931. The building formerly used for the library, after complete renovation, was occupied by the Department of Music in the summer of 1930. It is called Music Hall. The new Recital Hall, added to this building, was dedicated in November, 1930. A model central power plant provides heat, water, and electric lights for all the buildings. The infirmary is a modern building completely equipped and under the direction of the University Physician. Records prove that health conditions at the University are excellent.

ORGANIZATION AND DEGREES

The University is organized into a College of Liberal Arts and seven Schools, which have jurisdiction over degrees as shown below. The College of Liberal Arts: Bachelor of Arts, Bachelor of Arts in Journalism, and Bachelor of Arts in Music, and jointly with the School of Law, Bachelor of Arts and Laws; the School of Applied Science: Bachelor of Science in Chemistry, in Geology, jointly with the School of Medicine, in Medicine, and jointly with the School of Pharmacy, in Pharmacy; the School of Education: Bachelor of Arts in Education, and Bachelor of Arts in Education (Elementary); the School of Commerce: Bachelor of Science in Commerce, and jointly with the School of Law, Bachelor of Science in Commerce and Laws; the School of Engineering: Bachelor of Science in Electrical Engineering, in Civil Engineering, in Chemical Engineering, and in Mechanical Engineering; the Graduate School: Master of Arts, Master of Science, and Doctor of Philosophy; the School of Law: Bachelor of Laws, Doctor of Law, Bachelor of Arts and Laws (jointly with the College of Liberal Arts), and jointly with the School of Commerce, Bachelor of Science in Commerce and Laws; the School of Medicine; Bachelor of Science in Medicine (jointly with the School of Applied Science); the School of Pharmacy: Graduate in Pharmacy and Bachelor of Science in Pharmacy (jointly with the School of Applied Science).

The School of Public Welfare offers courses of professional training for social work and community leadership.

In the Summer Session are offered many courses for which regular University credit is allowed, including special courses (particularly in elementary education) designed primarily for the teachers of the State. Practically all the work offered is of collegiate grade and may be counted towards some degree from the University.

There is also a Division of Extension through which the services of the University Faculty and certain material equipment of the University are made available to the people of the State generally.

The University Faculty and Administrative Boards are organized under the plans shown below.

REGULATIONS CONCERNING ADMINISTRATIVE BOARDS AND FACULTIES OTHER THAN THE GENERAL FACULTY

A General Faculty minute of March, 1920, reads as follows:

"In view of the expansion of the University involving the settlement of many questions of interest to special groups of the Faculty rather than to the Faculty as a whole, the Advisory Committee presented through the President as Chairman a report providing (1) for separate schools or faculties of the University to have final authority in matters pertaining solely to these schools, such as curriculum, courses of instruction, etc., etc., and (2) for an Administrative Board for each Faculty, to be appointed by the Dean of the Faculty, the function of which is to carry out the will of the Faculty concerned, to study the needs of the School, and to make plans for its growth. These proposals of the Advisory Committee were adopted."

Subsequent developments in the University and in its several schools have led to practices and procedures which do not adhere strictly to the letter of the minute above. After a full investigation the Advisory Committee and the Administrative Officers of the University have recommended to the General Faculty the regulations shown below, which are designed to make effective the original legislation creating separate Faculties and Administrative Boards, and to stabilize procedure. These regulations were formally adopted and are now in effect.

1. Special Faculties. The Special Faculty of each of the Schools of Law, Medicine, Pharmacy, Engineering, and of the Graduate School shall consist of the special staff of the School above the rank of Instructor; *provided* that in addition each University Department giving courses for degree credit in a school shall be entitled to one representative on the Special Faculty of that School, and the Department Head concerned shall have power to name the departmental representative.

2. The Undergraduate Faculty. There is hereby created an Undergraduate Faculty which shall include all members of the General Academic Faculty above the rank of Instructor who give courses for degree credit in the College of Liberal Arts and in the Schools of Applied Science, Education, and Commerce, and in such

other undergraduate schools as may hereafter be established. University Administrative Officers having rank in the General Faculty shall have the same rank in the Undergraduate Faculty.

3. The Special Faculties and the Undergraduate Faculty shall have the jurisdictions, powers, and duties as set forth for Separate Faculties in the minute of March, 1920, except as modified herein; *provided* that nothing in the regulations concerning Separate Faculties shall preclude the right of appeal to the General Faculty.

4. Special Faculties shall meet on the call of their several Deans, and each Special Faculty shall be presided over by its Dean. The Executive Secretary of the University shall issue a call for a meeting of the Undergraduate Faculty at the request of any Undergraduate Dean, and the Dean of the College of Liberal Arts shall preside over the meetings of the Undergraduate Faculty; *provided* that each Separate Faculty shall meet at least once each quarter (or term), and that the regular meeting of the Undergraduate Faculty each quarter shall be set by the Undergraduate Deans in conference.

5. Administrative Boards shall have the following status, powers, and duties:

(a) Appointment to an Administrative Board shall be by the President on nomination of the Dean of the School concerned. The Administrative Board shall meet on call of its Dean; but it must meet at least once each quarter (or term).

(b) The majority of the membership of an Administrative Board of any school shall consist of members of the Special Staff in the case of a Special School, and of the Undergraduate Faculty in the case of an Undergraduate School; but at least one member of each Administrative Board shall be chosen from the General Faculty not included in the Separate Faculty concerned; and the President or his representative, the Registrar, and the Dean of Students shall be *ex officio* non-voting members of all Administrative Boards.

(c) To act on all petitions from students relating to such questions as substitutions for required courses and extra course privileges and such other routine matters as are referred to it by the Dean or by any department head.

(d) To consider and pass finally upon such new courses as may be offered by departments presenting instruction within the schools.

(e) To recommend to the General Faculty or to the President any administrative matters affecting the entire University which appear to need attention.

(f) To take such steps as seem wise to promote more efficient instruction; and to initiate new programmes and curricula, carrying these and other matters of policy for decision, when they arise in the "special" schools to their "special" faculties, and when they arise in the undergraduate schools to the Undergraduate Faculty or to the department concerned when the matter is purely departmental.

(g) Nothing in the above regulations shall preclude the right of appeal to the General Faculty.

THE GENERAL FACULTY OF THE UNIVERSITY

By action of the Trustees of the University the General Faculty includes all members of the University's teaching force above the rank of Instructor and all general administrative officers of the institution. In the President and the General Faculty is vested final authority (under the Trustees) over all matters of University policy and activity.

THE COLLEGE YEAR

The college year is divided into fall, winter and spring quarters of approximately twelve weeks each, and a summer session divided into two terms of about six weeks each. There is a Thanksgiving recess of three days, a Christmas recess of approximately two weeks, and a spring recess of about six days.

RELIGIOUS INFLUENCES

Through the cooperation of all concerned, religious influences of unusually effective character surround the University student. Chapel exercises, conducted in turn by the ministers of the town, are held in Memorial Hall every week-day morning, except Saturday, at ten-thirty o'clock. The Young Men's Christian Association, to which the University makes annual contributions, is of great value in the life of the campus. Its Bible Study classes enroll each year a large proportion of the student body; its regular religious services, its individual contacts, and its participation in the general University program of student welfare, are among the activities that make it an indispensable part of the University organization.

The larger denominations of the State have erected at Chapel Hill modern and adequate church plants. Within the past few years, Presbyterians, Baptists, Episcopalians, and Methodists have rebuilt on a large scale. The Chapel Hill churches are manned by an effective and cooperative group of pastors, are all located in close proximity to the campus, and play a very large and genuine part in the life of the University.

DISCIPLINE

The University endeavors to make young men manly and self-reliant, and to develop character by educating the conscience. The Faculty may, at their discretion, admonish, suspend, or dismiss students for neglect of duty, or for misconduct.

PHYSICAL TRAINING

Hearty encouragement is given to athletic sports and to all kinds of physical culture. The Emerson Athletic Field, the gift of the

late Captain Isaac Emerson, of Baltimore, furnishes ample facilities for football and baseball, and the track is admirably adapted for running and general track athletics. Two new fields for general athletic purposes have been completed recently and put into use. These fields lie directly to the east of Emerson Field and serve the Freshmen teams and other class teams and for intra-mural athletics of various kinds. More than fifty tennis courts are located on the campus. The Kenan Memorial Stadium was given by William Rand Kenan, '94. This stadium seating more than 24,000 together with a commodious field house, also the gift of Mr. Kenan, was put into service in the fall of 1927.

In addition to inter-collegiate athletics the University fosters an unusually extensive program of intra-mural sports, involving over half the undergraduates in a wide variety of games. There are contests in basketball, tag-football, indoor and outdoor baseball, tennis, soccer, quoits, rifleshooting, boxing, wrestling, fencing, and track. Intra-mural teams offer every interested student opportunity for participation in some interesting and healthful form of competition with his fellows, for learning team work and good sportsmanship.

Exercise is required three hours a week of all Freshmen, unless excused. In the fall a thorough physical examination of each new student is made, and the heart, the lungs, the eyes, and the ears are tested, in order that students defective in physical development may be given special work under the personal supervision of the Director of the Gymnasium. Round shoulders, flat chests, curvature of the spinal column, hernia, and mild cases of congenital paralysis are thus often greatly benefited and sometimes completely corrected.

MEDICAL ATTENTION

In order to provide proper attention for the student during sickness, the University employs a practising physician and maintains a well appointed infirmary. The infirmary is equipped with all necessary conveniences and comforts, is under the immediate supervision of the University Physician, and is provided with two experienced nurses. At the discretion of the University Physician a student may be admitted to its wards, and for such services as may be rendered by the staff no charges are made. But should any additional service (consultation, special nurses, operations requiring the attendance of a trained surgeon), recommended by the attending physician and approved by the parent or guardian, be necessary, the student will be required to pay for such services.

GROUNDS AND BUILDINGS

The University campus contains one hundred and six acres of land, affording ample grounds for building and for all sorts of athletic sports. The University owns, contiguous to the campus, five hundred acres of forest lands, which are partly laid off in walks and drives. The University has forty-six buildings.

Dates in parentheses indicate when the buildings were erected.

The Old East Building (1793) contains thirty-nine living rooms.

Person Hall (1795) is used temporarily by the Department of Music, by the Carolina Playmakers, and by the Student Art Club.

The South Building (1798) has been renovated and converted into an office building for the administrative officers of the institution. It furnishes quarters also for the University Extension Division.

Gerrard Hall (1822) is used for lectures and student assemblies.

The Old West Building (1822) contains thirty-nine living rooms.

Smith Hall (1849) contains the theatre and workshop of the Carolina Playmakers.

The New East Building (1857) has been renovated and contains the Philanthropic Literary Society's Hall, the Geological Laboratories and Museum, lecture rooms, and conference rooms for the Department of Geology.

The New West Building (1857) has been renovated and contains the Dialectic Literary Society's Hall and lecture and laboratory and conference rooms for the Department of Psychology.

Memorial Hall (1883, rebuilt 1931) commemorates the illustrious dead of the University. It is used for chapel exercises, for Commencement, and for other public exercises.

Alumni Hall (1898) provides accommodations for the School of Public Welfare, the Department of Philosophy, the University Press, and the student publications.

The Carr Dormitory (1901) contains thrity-two living rooms.

The Smith Dormitory (1901) contains living rooms, and club and dining rooms for fifty-one male graduate students.

The William Preston Bynum, Jr., Gymnasium (1904) is furnished with modern apparatus, swimming pool, baths, and running track; and contains a trophy room and the office of the Director.

The Young Men's Christian Association Building (1904) is a valuable adjunct to the work of the Association.

Pharmacy Hall (1905) contains the laboratories, lecture rooms, library, and offices of the School of Pharmacy.

The Library (1907), now Music Hall (1930), is used by the Department of Music. It has been renovated, remodelled, and enlarged by the addition of a Recital Hall, which provides an auditorium seating eight hundred.

The Infirmary (1907) is completely equipped for service to the students of the University.

Davie Hall (1908) contains the laboratories, lecture rooms, library, and offices of the Departments of Botany and Zoölogy.

Caldwell Hall (1911) contains the laboratories, lecture rooms, library, and offices of the School of Medicine.

The Peabody Building (1912), recently renovated and remodelled, contains the lecture rooms, library, laboratories, and offices of the School of Education.

The Battle-Vance-Pettigrew Dormitories (1912) contain twenty-four living rooms each.

Swain Hall (1913) contains a dining hall with a seating capacity of six hundred, kitchens, bakery, and a cold storage plant.

Phillips Hall (1918) contains the laboratories, lecture rooms, library, and offices of the School of Engineering and of the Departments of Mathematics and Physics.

The Steele Dormitory (1920) contains thirty-six living rooms.

The Mangum Dormitory (1921) contains sixty living rooms.

The Grimes Dormitory (1921) contains sixty living rooms.

The Ruffin Dormitory (1921) contains sixty living rooms.

Saunders Hall (1922) contains the lecture rooms and conference rooms of the Department of History and Government, of the Department of German, and partly of the Departments of English and Romance Languages.

Murphey Hall (1922) contains the lecture rooms, seminar rooms, and offices of the Departments of English, the Classics, and the Romance Languages.

Manning Hall (1923) contains the lecture rooms, library, reading rooms, and offices of the School of Law.

The Aycock Dormitory (1924) contains sixty living rooms.

The Graham Dormitory (1924) contains sixty living rooms.

The Lewis Dormitory (1924) contains sixty living rooms.

The Woman's Building (1924) contains living rooms, parlors, and dining hall for young women in attendance at the University.

Venable Hall of Chemistry (1924) contains the laboratories, lecture rooms, library, museum, and offices of the Department of Chemistry.

The Everett Dormitory (1928) contains sixty living rooms.

Bingham Hall (1928) contains the laboratories, lecture rooms, library, and offices of the School of Commerce.

The University Library (1928) contains the offices, stack rooms, seminar rooms, and reading rooms of the main library.

Besides the buildings named above the University owns a number of service and residence buildings.

The Geological Laboratories

The New East Building, in part of which the Department of Geology was formerly housed, was completely remodelled during the year 1926 and now affords one of the best geological laboratories in the country. The entire building, with the exception of a portion of the fourth floor which is occupied by the Philanthropic Society Hall, now consists of laboratory and class rooms.

On the ground floor there is a museum where are exhibited type specimens of rock, minerals, and fossils, together with numerous relief maps, models, etc., of local and general interest. There is also on this floor a large lecture room seating ninety-three, and an especially constructed precision laboratory where delicate operations requiring total freedom from vibration can be carried on. On the upper floors are located several smaller classrooms, special laboratories for general geology, historical geology, paleontology, mineralogy, crystallography, economic geology, petrography and petrology, geography, soils, and geophysics, each subject having special equipment and separate laboratory rooms.

The departmental library contains a large number of works relating to geology, geography, mineralogy, and allied subjects, numerous separates, bound and current volumes of the more important geological and geographical magazines, and many reports, monographs, and the like issued by state and national surveys, and learned societies.

All the laboratories are fitted with the necessary apparatus and supplies, and a large room especially equipped for the purpose has been set aside for research in problems which require unusual laboratory facilities.

The Chemical Laboratories

In the fall of 1925 the Department of Chemistry took up its work in Venable Hall of Chemistry, named in honor of Dr. Francis Preston Venable. The building is about 200 feet square, and covers nearly an acre. The front of the building, three stories high, contains the library, five classrooms, general office, museum, and laboratories of physical and electro chemistry. The south wing, two stories high, contains thirty-eight small rooms for staff-offices and private laboratories, thus providing each member of the staff and each graduate student with an individual laboratory. The court within the arms of these two sections contains a one-story structure, with factory, sawtooth roof, and has twelve large laboratories for general chemistry, analytical chemistry, and organic chemistry and a storeroom. Industrial chemistry is provided with a room of about 1,600 square feet area and 25 feet high. It has a traveling crane overhead to lift and move about apparatus of semi-commercial size. Adjoining this room are four small rooms for control work, a dark room, a

transformer room, and rooms for the control of the ventilating system. At each desk in the laboratories are outlets for gas, air, steam, water, and electric power, and an opening into the exhaust ventilating ducts. A large lecture room, seating 256, is lighted from above and has special ventilation.

The laboratories are well equipped with apparatus for the regular courses and for research work of instructors and students, and the library contains a most excellent collection of books and journals which are indispensable in research work.

The Biological Laboratories

The biological building, Davie Hall, is occupied by the departments of Zoölogy and Botany. It consists of a main building, facing south, on the north side of which has been added a wing, facing east and west, of about the same size as the main building. The bulk of the main building is occupied by Zoölogy; the wing is occupied by Botany. The building lies to the east of the New East and adjoins the Arboretum.

The main building has a frontage of 125 feet; the depth is 44 feet in the middle section and 38 feet at the ends. A basement underlies the whole, above which are two complete floors, with a third floor over the middle section. The entrance hall, on the first floor, lighted with large windows on each side of the doorway, serves as a museum exhibition room for the display of zoölogical specimens and dissections. The west end of this floor is occupied by a lecture room for the two departments with a seating capacity of one hundred and twenty, the east end by a laboratory for general zoölogy. Each of these rooms has windows, twenty-four, on three sides. The laboratory will accommodate forty students.

On the second floor of the main building the east end is occupied by a single large laboratory, 40 by 35 feet, for anatomical work (comparative anatomy, embryology, histology) in zoölogy. It is lighted on three sides with twenty windows and is designed for that number of students. The west end of this floor has been subdivided. It includes a large laboratory for zoölogical research, a small laboratory for hydrobiology, and two professors' rooms. The middle section of this floor includes the zoölogical library and storerooms On the third floor is a professor's room and a photographic studio with skylights and large north windows. In the middle section of the basement is a room for microphotography with adjcining dark rooms, also janitor's room, and rooms for the storage of heavy supplies. The east end of the basement is used by the Department of Botany for purposes connected with the Arboretum, the west end by the Department of Zoölogy for the keeping of live animals.

The Botanical Wing of Davie Hall is a fireproof building, 39 feet wide by 80 feet long, with three full floors and an attic. The first floor contains a museum for botanical specimens, potted plants,

etc., a professor's laboratory, and a large laboratory lighted on three sides by twenty windows and designed to seat twenty students. This is especially for the teaching of pharmaceutical and economic botany.

The second floor has one large laboratory lighted by twenty-four windows and providing for the same number of students. General and systematic botany are taught in this room. On this floor there is also a large herbarium for the preservation of dried plants and a storeroom.

The third floor is given up mainly to advanced students and research work. There is one laboratory on the north end lighted on three sides and providing for sixteen students. There are also two private laboratories for professors, the botanical library, and a seminar room, as well as small storerooms, etc.

Important adjuncts to the botanical department are the Arboretum, drug garden, greenhouse, and propagating grounds. The first occupies a five-acre tract lying immediately adjoining the Botanical Wing. It is laid off in the naturalistic style and at present contains about 400 species of native and exotic plants grouped in such a way as to illustrate their use in ornamental design and planting. All of these plants are of course available for students in the study of botany and are much used in routine work. A considerable area on the south side of the Arboretum has been developed into a drug garden, and here over one hundred and twenty-five other plants (mostly medicinal and old-fashioned pot herbs) have been grouped and made available for study by students in botany, especially students in the Schools of Pharmacy and Medicine.

The greenhouse has recently been added. It is a commercial range 15 feet wide by 80 feet long and is of great help to the department in making available at all times plants for instruction and research. The propagating grounds, immediately adjoining the greenhouse, cover an area of about three acres. Here are raised at little cost most of the ornamental trees and shrubs that are used around the University buildings and on the campus. This area is also used for testing the hardiness and general usefulness of newly introduced species from other countries.

The Medical Laboratories

The medical building, Caldwell Hall, was completed and opened for service in 1912. It is located on the south side of Cameron Avenue opposite Davie Hall.

The main building is 117 x 64 feet and adjoining it on the south side is a wing 63 x 36 feet, each including a basement and two floors. The first floor of the main building is bisected by a hall 14 feet wide from north to south and a corridor 8 feet wide from east to west. The floor space is therefore subdivided into four equal parts. Each part is subdivided into one large laboratory 34 x 27 feet and

two smaller laboratories, 12 x 14 feet. The second floor is practically a duplicate of the first floor. Each of the large laboratories is equipped for forty students and those on the north side are used for all microscopic work and those on the south side for experimental physiology, experimental pharmacology, and physiological chemistry. The smaller laboratories are used as private laboratories for the instructors.

On the first floor of the wing are the lecture room, which has a seating capacity of about seventy-five, and the departmental library; on the second floor are the dissecting hall and private rooms of the instructors in anatomy.

In the basement provision is made for the care of animals and the storage of supplies. The rooms are well lighted, heated, and ventilated and provided with conveniences for proper sanitation. The laboratories are unusually well lighted and equipped with the essentials for efficient work by students and instructors.

The departmental library contains approximately 1,200 bound volumes of the best journals covering the subjects of the first two years of the medical course, most of them in complete sets, and a large number of books on clinical subjects presented by friends of the school, among them the private libraries of some of the most eminent physicians in the State, Dr. T. F. Wood, of Wilmington; Dr. P. E. Hines, of Raleigh; Dr. H. S. Bahnson, of Winston-Salem; Dr. J. E. Ray, of Raleigh.

The Pharmaceutical Laboratories

Pharmacy Hall, used exclusively for pharmaceutical instruction, is a three story brick structure containing thirty-five rooms with a total floor space of 22,000 square feet. Adjoining the Arboretum, the drug garden, the botany building; located within convenient reach of the buildings for chemistry, medicine, and administration; well ventilated, lighted, heated, and equipped, Pharmacy Hall is admirably adapted to its purposes.

The ground floor contains a lecture room and four laboratories for manufacturing pharmacy, three apparatus and stock-rooms for all courses, machine room for industrial pharmacy, a pharmacological laboratory, toilets, etc.

The main floor is made up of the library containing several thousand books and bound journals, the museum which is well stocked with exhibits, illustrating drugs, chemicals, and processes, laboratories for pharmaceutical chemistry, offices and private laboratories for the teaching staff, an auditorium, the scale room, and two reserach rooms.

The upper floor contains a materia medica museum and lecture room, three laboratories for dispensing, toxicology, general pharmacy, and medical pharmacy, three stockrooms, a research laboratory, and an office.

The Physical Laboratories

The Physical Laboratories occupy two floors in the west end and the west wing of Phillips Hall. There are three large laboratories for general physics, two laboratories for advanced work, eight research laboratories, two photographic dark rooms, two large apparatus rooms, a switch board room, and a shop. The large lecture room has a seating capacity of three hundred, and a smaller lecture room seats seventy. The general laboratories are large enough to accommodate more than sixty students at one time and are equipped with a view to accomplishing the maximum amount of laboratory work in the minimum time. All laboratories and lecture rooms are supplied with gas, running water, compressed air, and electric power. A well-equipped workshop is available for the use of advanced students.

The following electrical power resources are available: 3-phase alternating current at 110 volts, or 220 volts; a 12-volt set with capacity of 500 amperes; a 12-volt set with capacity of 14 amperes, and a 110-volt circuit.

A three-panel slate switchboard distributes direct and alternating current power by means of a plug and socket system to subpanels located in all lecture rooms and laboratories. Seven wires run from the switchboard to each of the sub-panels, giving a very flexible system of power distribution.

The advanced laboratories are equipped with special apparatus making it possible to pursue advanced work in physics, especially along the line of optics, conduction of electricity through gases, X-rays, and the electron theory.

The department has added recently many special pieces of apparatus among which may be found a Gaertner Quartz Spectrograph for the ultra-violet, a Gaertner Spectrograph of the constant deviation type for the visible spectrum, a Hilger Infra-red Spectrometer, a large Hilger Quartz Spectrograph, Coblentz Thermopiles, a Queen-Gray large type potentiometer, galvanometers varying in sensitivity from 2,000 to 10,000 megohms, standard resistances varying from 1 ohm to 1 megohm, a Kelvin Selfcontained Double Bridge, a standard variable capacitance, standard inductances, wave-meter, etc.

The department has funds available for buying special equipment for advanced students. In addition there are specific University funds available for research.

The department library located on the third floor of the Phillips Hall has on file the complete sets and the current numbers of nearly all of the standard American, English, French, and German journals of physics.

The Psychological Laboratories

The New West Building has been completely remodelled; and, with the exception of a portion of the third floor reserved for the Dialectic Literary Society, which has been housed in the building for many years, it has been rebuilt throughout to answer the needs of the Department of Psychology.

On the first floor are located a lecture room, a classroom, a large class laboratory, two seminar rooms, and private offices.

On the second floor are arranged a library, a classroom fitted with tables, a large class laboratory, three rooms for clinical examinations, an apparatus and supply room, a shop, and a private office.

Space on the third floor is planned especially for research, the two ends of the building making room for several small private rooms and an animal room, and a mezzanine room being specially built for a dark room.

The building is piped throughout for water and for gas; and electric supplies of both alternating and direct current in low and high wattages are made available at numerous outlets in the different laboratories.

The technical equipment is practically complete. It includes sufficient duplication of apparatus for the experimental work in the various undergraduate courses, a fairly complete stock of standard apparatus for training in experimental methods, and sufficient apparatus and funds for the prosecution of research along most of the recognized psychological lines.

The departmental library includes all the technical journals published in English and a few in other languages. The supply of books is fairly complete.

The Engineering Laboratories

A marked characteristic of this School is its well equipped laboratories which are housed in Phillips Hall and include the facilities of Venable Hall.

Laboratory instruction is recognized as an important element of an engineering education, and with the excellent laboratory facilities the students study the fundamental laws of engineering.

The following descriptions indicate the major equipment of the engineering laboratories.

Materials Testing Laboratory

The materials testing laboratory is equipped with a 100,000-pound Riehle Universal testing machine and a 200,000-pound Olsen machine, both of which are used in tensile, compressive, and transverse tests of all important structural materials. Special features of these machines make possible the testing of long columns and beams and the cold bend test of metals.

Numerous smaller pieces of apparatus are provided for studying the elastic properties of materials; annealing and tempering of metals; fire resistance of stone and clay products; hardness of materials; shearing strength of timber, etc.

A complete set of apparatus for making all the standard tests of cement, and miscellaneous equipment for routine tests or research work on sand, coarse aggregate, mortar, and concrete, is in use.

Civil Engineering Laboratories

The highway engineering laboratory is equipped with apparatus for the standard tests of bituminous and non-bituminous road materials, consisting in part as follows: Engler viscosimeter, penetrometer, ring and ball melting-point apparatus, open cup oil tester, New York Board of Health oil tester, Hubbard-Carmick specific gravity flask, hydrometers, float testing apparatus, constant temperature and drying oven, ductility machine, Dulin rotarex, Deval 4-cylinder abrasion machine, diamond core drill, diamond saw, grinding lap, Page impact, ball mill, briquette former, cementation machine, etc.

The hydraulic laboratory occupies a separate building adjacent to Phillips Hall. It is equipped with apparatus to show the phenomena of flow of water in pipes, including hydraulic gradient, friction loss, venturi effects, pitometer traverses, etc. Large orifice and weir tanks provide opportunity for experiments on the discharge of water through these measuring devices. Facilities are also available for experiments on friction loss and discharge through hydrants, pipe lines, and nozzles, the testing of meters, the determination of total pressures on submerged areas, etc. Measuring tanks are provided of sufficient capacity to make practical demonstrations of hydraulic phenomena occurring in practice and to permit of research on hydraulic problems.

A model gauging station of the standard type of the U. S. Geological Survey has been installed on Morgan's Creek, the source of the University water supply. This is equipped with an Au water-stage register. Students are given practical experience in stream gauging, and a part of the laboratory instruction includes also the making of meteorological observations at the U. S. Weather Bureau rainfall and evaporation station located on the campus.

The new laboratories of sanitary engineering are located in the building of the University water purification plant, in a wing of Phillips Hall. They comprise: a biological room equipped for microscopic and bacteriological work, which also contains plan files and an extensive reference library of sanitary engineering literature, making it suitable for seminar, laboratory, and reference proposes; a chemical laboratory with equipment for conducting any of the determinations ordinarily required in sanitary chemistry; a preparation room for the cleansing and sterilization of glass ware and the

preparation of reagents and culture media; a dark room for ultramicroscopic, photomicrographic, and turbidimetric work, a chemical storage and balance room, a private laboratory; and a research laboratory for the use of graduate students doing special work.

These laboratories are well equipped with apparatus for carrying on the usual physical, chemical, and biological analyses of gases, milk, water, sewage, and industrial wastes, for the testing of sands and other materials used in sanitary engineering works, for studies of corrosion, for limnological and stream-pollution investigations, and for experimental and research work in the field of sanitary engineering. The water filtration plant is used for demonstration and experimental purposes in the study of problems of water purification; three types of sewage treatment plants located in town afford an opportunity for the study of waste treatment and stream pollution; and nearby towns with excellent sanitary plants coöperate with the School in providing facilities for the investigation of the various problems of municipal and public health engineering.

The surveying laboratory equipment comprises a number of transits, levels, plane tables and auxiliary instruments, such as level rods, chains, range poles, stadia rods, Locke levels, telescopic alidades, barometer, etc. Enough instruments are furnished so that each student will receive a maximum of practice. All the modern types of instruments are represented so that the student may become familiar with the different manufacturers' products.

Electrical Engineering Laboratories

The electrical engineering laboratories consist of a large dynamo laboratory, having over three thousand square feet of floor space on the ground floor of the main section of Phillips Hall, and seven special laboratories on the second floor of the west wing. They are all supplied with power through a seven-panel slate switchboard in the main laboratory, which feeds twenty distribution panels in the different laboratories. Most of the sub-panels are connected with the main board by ten wires and a plug and socket system which makes it possible to supply any of the laboratories with several different kinds of power at the same time. The main power supply consists of a 25-kw., 125-volt direct current motor-generator set; a 5-kw., 6- or 12-volt electrolytic type motor-generator, and three-phase, 110- and 220-volt circuits of 25-kw. each. There is also available a 4-kw., three-phase alternator having a practically pure sine wave for use in iron testing.

The dynamo laboratory contains some forty machines, mostly of modern design, including a 15-kv.a. General Electric motor-generator set, with revolving field alternator, wound for single-, two-, three-, or six-phase; two 5-kv.a., Westinghouse M. G. sets; two 10-kw. synchronous converters; two 5-kw., and two 3-kw. direct current M. G. sets; a 3 h.p. General Electric Type RF variable speed motor

with compensating winding in the pole faces; a 5-h.p. General Electric three-phase induction motor with wound rotor and drum type controller; a 3-h.p. General Electric Type RI repulsion motor, and a number of other machines ranging from two to ten horsepower.

A mezzanine gallery at one end of the laboratory contains a 50,000-volt and a 10,000-volt testing transformer, a number of distribution and laboratory type transformers, as well as a 50-ampere General Electric mercury arc rectifier.

More than one hundred and fifty portable ammeters, voltmeters, and watumeters are available for routine testing.

Standardization laboratory. A special laboratory for the standardization of instruments contains the following precision laboratory standards: A 150-volt Western d.c., voltmeter, a millivoltmeter with complete set of shunts up to 1,000 amperes capacity, a 5-10-ampere Westinghouse Kelvin-balance type ammeter, and 200-ampere, 300-volt Kelvin-balance type wattmeter, and a 150-ampere, 440-volt, three-phase States test table for checking watthour-meters with General Electric and Westinghouse rotating standards. The precision instruments are mounted on 24 x 48-inch slate table tops set in concrete piers, and each test station is permanently wired with all the necessary control equipment so the calibration of any instrument may be quickly checked.

The photometric laboratory is equipped with a standard Reichsanstalt photometer bench with three-meter track equipped with standard track screens for daylight work, Bunsen screen, Lummer-Brodhun disappearance and contrast screens, standard Hefner lamp, a number of certified carbon and tungsten incandescent standards, a compound rotator, a luxometer, a General Electric Foot-Candle meter, a Macbeth Illuminometer for illumination surveys, and a number of shades and reflectors of various types. The laboratory has recently acquired a Leeds and Northrup flicker photometer for comparing lights of different colors.

Freshman laboratory. A special feature of the instruction in electrical engineering at the University is the freshmen course. The student begins his study of the basic principles of the electrical engineering profession at the beginning of the freshman year. The lectures, reading, and assigned problems are accompanied by work in a specially equipped laboratory. Here standard electrical engineering equipment is used in illustrating the fundamental principles of electricity. Various exhibits donated by the manufacturers illustrate the constructional details and manufacturing processes of electrical apparatus and supplies. During the course each individual is studied with a view to guiding his future work into channels for which he is obviously best fitted.

Telephone and radio laboratory. A special laboratory is equipped for work in telephone transmission and radio-frequency measure-

ments. There is available a variety of standard telephone equipment including transmitters, receivers, repeating coils, etc., and a 32-mile standard artificial line.

The facilities for radio measurements include General Radio Company decade and capacity bridges, precision wave-meters, precision condensers, and low frequency oscillators. There is the usual complement of coils, condensers, variometers, hot-wire and thermo-couple meters and practically all types of vacuum tubes. Receiving sets of all types, from the simple regenerative circuit to the most complicated superheterodyne, are available for reception in the broadcast range.

Radio Station W4WE. A separate room is provided for the radio station operated by the department under the call letters W4WE. This station, which is an official relay station of the American Radio Relay League, has been operating during the fall of 1930 with a 50-watt transmitter on the 40-meter wave band, and during this time the station has been in communication with all continents. Two more transmitters are also in service, a 100-watt set for both code and radiophone on the 150-200-meter band, and a 50-watt set for the 80-meter band. With these sets, communication can be had with any part of the United States and most foreign countries.

Measurements laboratory. For work in electric and magnetic measurements there is a large laboratory equipped with several bridge testing sets, a Kelvin double-bridge, Queen-Gray potentiometer, capacity bridge, Leeds and Northrup ballistic and D'Arsonval galvanometers of high sensitivity, and precision standards of resistance, inductance, and capacity. There is also a standard Epstein apparatus for the measurement of iron losses.

Research laboratory. A separate room is equipped for the study of special research problems. It contains a complete General Electric oscillograph and has a small dark room for photographic work.

Mechanical Engineering Laboratories and the Power Plant

The mechanical engineering laboratories are located on the ground floor of the new wing of Phillips Hall, the main laboratory occupying the greater part of this floor.

The principal laboratory is equipped for making experimental studies of power plant apparatus. It contains a 10-inch by 15-inch Fitchbury uniflow steam engine especially equipped with indicator reducing motion, brake wheel with prony brake, special facilities for cutting in and out of jackets, and hand regulated auxiliary exhaust valves for operation from a 26-inch vacuum up to 10-pound back pressure. It contains, also, a 25-kilowatt, 250-volt direct current General Electric turbo-generator set with switchboard and a 25-horsepower Chandler and Taylor slide valve engine especially equipped with indicator reducing motion, prony brake, surface condenser, and indicator piping for experimental work. Serving

both the uniflow engine and the turbine, there is a Wheeler surface condenser capable of condensing 3,000 pounds of steam per hour.

Other equipment includes a 40-horsepower, compound marine engine, designed and built by the Bureau of Steam Engineering of the U. S. Navy, a Liberty "12" airplane engine, a Vaught airplane with a Wright "E" engine, two small gas-electric lighting units, and two variable pressure steam testing drums. Smaller equipment includes calorimeters, flow meters, thermometers, indicators, scales, dynamometers, a collection of aircraft instruments, and other accessory apparatus for making complete tests on power plant machinery.

Under a portion of the main laboratory there is a sub-basement for condensers and water measuring apparatus.

Adjoining the main laboratory there is a small laboratory for light testing work, such as calibration of instruments, flue gas analysis, fuel analysis, and fuel and oil testing. It is provided with a Parr Oxygen Bomb coal calorimeter, a Junker gas calorimeter, a Saybolt universal viscosimeter, a Hayes gas analyzer, and other instruments for analyzing and testing fuels and oils.

As a valuable aid in visual instruction and practical experience, the University Power Plant is also available for laboratory purposes. The principal equipment of the plant consists of the power boilers and generating equipment. The boiler room contains one 450-horsepower and two 168-horsepower Babcock and Wilcox boilers, one 350-horsepower Union Iron Works boiler, a 500-horsepower Cockrane feed water heater, and large exhaust and live steam heaters for the hot water heating system of the University. The engine room contains a 750-kv.a., 2,300-volt General Electric alternator driven by a Skinner uniflow engine, and a large switchboard for controlling the electrical equipment. The pump room contains three large turbine driven centrifugal pumps for circulating hot water through the heating system, and motor driven service and fire pumps.

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The University Library contained on November 15, 1930, 223,295 volumes.

The Library funds are expended under the direction of the Librarian, the Library Budget Committee, the Library Book Committee, and Professors in charge of Departments, with special reference to the instruction given in the University. The annual addition of books from purchase, donations, and exchanges is approximately 15,000 volumes.

The main Library is housed in a new library building completed and occupied in July, 1929. Its seating capacity is one thousand readers; its present book capacity is approximately 300,000 volumes.

In addition to the resources of the general reference room, the Library has a collection of 38,801 bound periodicals.

Three thousand one hundred and eighty-six current periodicals newspapers, transactions of literary, scientific, historical, and other societies, continuing and supplementing the bound sets, are subscribed for or secured through exchange annually.

The Library is a depository for the publications of the United States Government. It maintains a depository catalog of the printed cards issued by the Library of Congress.

Five seminar rooms on the third floor of the Library facilitate advanced work in English, German, Greek and Latin, the Romance Literatures, and History.

The North Carolina room contains all the books in the Library which relate to North Carolina, including the Weeks collection of

Caroliniana. The whole makes one of the finest collections on the history of this State in the country and offers rare advantages to the research student. It is in charge of a special librarian.

The Hanes Foundation for the Study of the Origin and Development of the Book was established by the children of John Wesley and Anna Hodgin Hanes, April 5, 1929, as a memorial to their parents. This collection comprises rare and early printed books and manuscripts which are available to the faculty and students as illustrative materials.

Brief instruction in the use of the card catalogue, the periodical indexes, and the reference books generally, is given new students at the beginning of each year. Courses in Library Science are given for students who are preparing for positions in school and public libraries.

DEPARTMENTAL LIBRARIES

Six departmental libraries are in charge of regular attendants: Commerce, Education, Engineering, Law, Geology, and Rural Economics. Five libraries: Botany, Chemistry, Medicine, Pharmacy, and Zoölogy are under the supervision of the instructors in those departments and the Librarian.

RULES

Subscribers to the Library are the students and members of the faculty.

Faculty members are not restricted as to the number of books borrowed or the time they may be retained except in the case of Fiction, "Special Collections," or books needed for Reserve. All books charged to Faculty members must be returned each June.

The term Faculty applies to men of or above the rank of Instructor.

Other persons who desire to use the Library may become subscribers on payment of a regular library fee of $4 a year, $1 for three months, or 50 cents a month.

Persons who are not subscribers may not borrow books on a subscriber's name.

Books bought for a Department do not consequently become the exclusive property of that Department. They are the property of the University, acquired through the Library, and are to be so placed as to insure their greatest use to the greatest number of students and faculty members.

A student who owes the Library for fines or lost books will not receive academic credit for his courses at the end of a quarter.

THE UNIVERSITY OF NORTH CAROLINA PRESS

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The University of North Carolina Press was incorporated on June 12, 1922. The objects for which it was established are: (1) to publish periodicals devoted to the advancement of learning and produced at the University by or under the direction of the Faculty; (2) to publish catalogues, bulletins, and other documents pertaining to the University and its various schools and departments; and (3) to promote generally, by publishing deserving works, the advancement of arts and sciences and the development of literature.

The Press was established upon the authority of the Board of Trustees of the University, is a non-stock corporation, is financed in part by the University, and is managed by a Board of Governors drawn from the Faculty and Board of Trustees.

In addition to the publication of books, the Press has established three series of studies under the title: The University of North Carolina (1) "Studies in Language and Literature," (2) "Studies in Social Science and History," and (3) "Studies in Science." The Press also publishes the following periodicals: *The Journal of the Elisha Mitchell Scientific Society; Studies in Philology; The James Sprunt Historical Studies; The High School Journal; Social Forces; The North Carolina Law Review; The University of North Carolina Extension Bulletin; The University News Letter; The University of North Carolina Record.*

The Press office is located in Alumni Building. The agents of the Press for Great Britain and the British Dominions are respectively *The Oxford University Press*, London, for books and studies; *The Cambridge University Press*, London, for periodicals. A complete list of publications issued by the Press will be supplied to any address on request.

THE INSTITUTE FOR RESEARCH IN SOCIAL SCIENCE

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The increasing emphasis placed upon the social sciences within recent years and the need for scientific research in this field have given rise to a number of organizations for promoting research, such as the Social Science Research Council and several of the national foundations which have set aside major portions of their funds for this purpose. In history, government, economics, sociology, jurisprudence, anthropology, statistics, social psychology, and other related fields there is need for new standards of research, for coördination, and for correlation.

At the University of North Carolina there had been for some time special need for assistance if the many investigations in the social sciences, already under way or projected, were to be carried out. It was a fortunate circumstance, therefore, when the Institute for Research in Social Science was made possible in 1924 by a special grant from the Laura Spelman Rockefeller Foundation and University appropriations. An extensive program of regional research, including studies in local government, Southern historical backgrounds, socio-economic activities including studies in social-

industrial relationships, crime and criminal justice, the Negro, folklore and folk backgrounds of the Southern people, social institutions, public welfare and child welfare, human geography of the American South, —has been developed and got under way by means of concrete projects in the several fields. Accordingly, the scope of the program includes the social sciences, broadly construed, and the emphasis is upon projects and problems rather than upon disciplines. Research projects, while chosen for the most part from the state and regional field, are selected with a view to their generic value and for their possible contribution in both method and content.

The permanent staff of the Institute is composed of research professors and associates, who, in addition to their own researches, direct other researches and may give courses in line with their special subjects. There are also a limited number of research assistants on yearly appointment. These research assistantships are open to men and women who have shown ability to do original research. A Master's degree or the equivalent in research experience constitutes the minimum requirement for appointment. All appointments are made on a twelve months' basis. The awards are in no sense fellowships, but each appointment is made with the definite purpose in mind of assisting specific research in the social sciences under the direction of professors and associates. Such assistantships carry with them stipends varying from $750 to $1,500.

Additional information and application blanks for appointment may be had by writing to the INSTITUTE FOR RESEARCH IN SOCIAL SCIENCE, The University of North Carolina, Chapel Hill, North Carolina.

ADMISSION

Admission to the University

Evidence of successful vaccination against smallpox is a prerequisite for the admission of students to this institution. Applicants for admission to any school are hereby informed that a certificate as to successful vaccination must be sent to the Dean of Admissions before they can be admitted.

Candidates for admission to the University are received by certificate from accredited schools or by examination.

ENTRANCE BY CERTIFICATE. Students who present certificates of work accomplished at preparatory schools and colleges may be admitted without examination, provided the certificates are approved. The right to examine, however, is reserved, when such a course is deemed necessary. Certificates must be made out on the printed forms furnished on application to the Dean of Admissions, and should be sent in as early as possible in the summer vacation. Notice is hereby given that satisfactory credentials must be in the hands of the Dean of Admissions before an applicant may register. Candidates must present themselves in person before the Committees on the Registration of Freshmen during the period of registration.

ENTRANCE BY EXAMINATION. The University will accept the certificates of the College Entrance Examination Board provided the applicants submit satisfactory school certificates also. Statewide entrance examinations are held, when asked for in advance, at the offices of the County Superintendents early in June and at the University in the week preceding the opening of the fall quarter in September. These examinations are given to graduates of non-accredited high schools and to others who present evidence of having completed the equivalent of a four years' high school course, aggregating at least fifteen units from the subjects listed below. The Dean of Admissions in each instance must approve the applicant's record as meeting this requirement. Candidates for admission by examination in September must make application to the Dean of Admissions in writing two weeks before the date for registration. Time and place for examinations will be arranged.

Admission to Advanced Standing

A candidate may be admitted to advanced standing in accordance with the amount and character of his previous training. The Dean of Admissions will accept, with proper restrictions, an official transcript of work satisfactorily completed at a college or university of good standing. All credits allowed by him stand in suspense until the candidate shall have spent one quarter in residence. If his work during this quarter is unsatisfactory, the credits may be cancelled.

A candidate for advanced standing must send to the Dean of Admissions his application accompanied by an official transcript of his previous record at least two weeks before the date for registration. Blank forms may be secured by writing the above officer. Notice is hereby given that applicants whose records at other institutions do not reach the standard required for the readmission of students at this institution will not be admitted. Notice is hereby given that satisfactory credentials must be in the hands of the Dean of Admissions before an applicant may register.

In case of students who enter as candidates for a bachelor's degree with advanced standing from other institutions the minimum requirements of residence and credits secured in residence are as follows: Residence for three quarters within a period of twelve months and a full year's work comprising at least nine courses or the equivalent. In this connection two summer terms are considered as one quarter.

Admission of Women

By action of the Trustees in February, 1897, women were made eligible for admission to the Graduate School of this institution. Almost immediately this action was extended so that women were eligible for admission to the two upper classes of the college. Some years later women whose training was found to be sufficient were admitted to the Professional Schools of Law, Medicine, Pharmacy, and later to courses in Engineering. By an extension of this action women are admitted to special courses in work that is not to be obtained in a college for women. Here are included the pre-medical and pre-dental courses and courses leading to such specialized scientific degrees as those in Chemistry and Geology. In the College of Liberal Arts, the School of Education, and the School of Commerce the University does not admit women students with less than junior standing. To the School of Public Welfare and for special work in play-writing and play-production "mature special students" who cannot qualify for junior standing may occasionally be admitted for reasons which must be clear in any individual case.

Entrance Requirements

For admission to the Freshman Class of the University of North Carolina fifteen units secured by the completion of a four years' high school course are required. *The fifteen units must be chosen from the list printed below and in accordance with the restrictions stated in the foot-notes following that list.* The applicant must either present an official certificate showing his preparatory work and the recommendation of his *school (which must be on the list of accredited schools) or stand entrance examinations on an equivalent amount of preparatory work as provided for on the preceding page.

* It is definitely understood that, in case an applicant has attended another school subsequent to graduation from a high or preparatory school, the recommendation of the school last attended is required.

It must be clearly understood that admission to the University does not necessarily mean admission to candidacy for a degree.

In order for a student to be admitted to candidacy for a degree, he must meet the specific requirements laid down by the school or college in which the degree is conferred. In some cases this will make it necessary for the candidate to carry certain courses as prerequisites over and above the courses prescribed for the degree or to make up certain deficiencies. These deficiencies must be made good before the student may register for his sophomore year.

The preparatory student should decide therefore, as early as possible, for which degree he wishes to become a candidate and carry such courses in his preparatory school as will admit him to candidacy for that degree.

Subjects acceptable for Entrance Credit

The complete list of subjects acceptable for entrance with the credit that may be secured in each subject is as follows:

English	4 units
*History	1 to 4 units
Mathematics	2 to 4 units
Greek	1 to 3 units
Latin	1 to 4 units
French	1 to 3 units
German	1 to 3 units
Spanish	1 to 3 units
†Biology	½ or 1 unit
†Botany	½ or 1 unit
†Chemistry	½ or 1 unit
†Physics	½ or 1 unit
†Zoölogy	½ or 1 unit
†General Science	½ or 1 unit
†Physiography	½ or 1 unit
Physiology	½ unit
Civics	½ or 1 unit
Economics	½ or 1 unit
‡Scouting	½ or 1 unit
¶Music	½ or 1 unit
‡Military Science	½ or 1 unit
°Vocational subjects	
Commercial Geography	½ unit
Drawing	½ or 1 unit
*General Agriculture	½ to 2 units
Bookkeeping	1 unit
Commercial Arithmetic	1 unit
Stenography and Typewriting	1 unit
Manual Training	½ to 2 units

* As many as four (4) units in history and two (2) units in agriculture may be accepted. This amount of credit will be allowed only when the Dean of Admissions is satisfied that the work done in these subjects at any given school is of a superior order.

† One (1) full unit in any of the sciences will be allowed only when satisfactory work is done in the laboratory as evidenced by the notebook; otherwise only one-half (.5) unit will be allowed.

‡ Entrance credit for this subject will be allowed only in case the certifying school credits it towards its diploma.

¶ Credit for music will be allowed only in case the work is shown by a supplementary certificate to conform with the standards set up by the Association of Colleges and Secondary Schools of the Southern States and provided also the certifying school credits it towards its diploma.

° Credit for vocational subjects is limited to a total of three (3) units.

PRESCRIBED REQUIREMENTS

The requirements for admission to candidacy for the different degrees in the College and in the several Schools within the University are as follows:

THE COLLEGE OF LIBERAL ARTS
(The Degrees A.B., A.B. in Journalism, A.B. in Music)

English		4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
Select Two: Greek	2 units	4 units
Select Two: Latin	2 units	
Select Two: German	2 units	
Select Two: French	2 units	
Select Two: Spanish	2 units	
Electives		
Total		15 units

NOTE, that two foreign languages to the amount of not fewer than four (4) units (two units in each of two languages) are required for admission to candidacy for the A.B. degrees. The languages so presented must be continued as the required foreign languages, or the elementary courses (1 and 2) of a substituted language must be taken without credit towards the degree. Elementary Greek (1-2) and Elementary German (1-2), however, when completed satisfactorily in this institution, will be counted also as electives for degree credit.

THE SCHOOL OF APPLIED SCIENCE
(The Degree S.B.)

Bachelor of Science in Chemistry

English		4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
French		2 units
German		2 units
Science		1 unit
Electives		
Total		15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Chemistry call for: French *and* German.

Bachelor of Science in Geology

English		4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
French, German, or Spanish		2 units
Science		1 unit
Electives		
Total		15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Geology call for: *One* modern foreign language.

Bachelor of Science in Medicine

English		4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
*German		2 units
*French		2 units
Electives		
Total		15 units

Bachelor of Science in Pharmacy

English		4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
French or German		2 units
Electives		
Total		15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Pharmacy call for: Either French or German.

Requirements for admission to the Pre-medical or Pre-dental Course:

English		4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
French or German		2 units
Electives		
Total		15 units

NOTE, that the requirements for admission to the Pre-medical or Pre-dental Course call for: Either French or German.

THE SCHOOL OF ENGINEERING
(The Degree S.B.)

Bachelor of Science in Chemical, Civil, Electrical, and Mechanical Engineering

English		4 units
American History		1 unit
Mathematics (Algebra, Plane Geometry)	2½ or	3 units
French, German, Spanish, Greek, or Latin		2 units
Science		1 unit
Electives		
Total		15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Chemical, Civil, Electrical, and Mechanical Engineering call for: *One* foreign language.

* The curriculum for this degree requires four courses of college grade work in French or German above the elementary courses 1 and 2 or two such courses in French *and* two such courses in German. If one language is taken, that language must be continued through French 6 or German 22 if both languages are taken, the requirements are French through course 4 and German through course 4. Hence the entrance requirement is either French or German (if one language is to be taken) or both French and German (if both languages are to be taken).

THE SCHOOL OF EDUCATION
(The Degree A.B. in Education)

English			4 units
American History			1 unit
Mathematics (Algebra, Plane Geometry)		2½ or	3 units
4 units required	Greek	2 units	4 units
	Latin	2 or 4 units	
	German	2 units	
	French	2 units	
	Spanish	2 units	
Electives			
Total			15 units

NOTE, that 4 units of foreign language are required for admission to candidacy for the degree of A.B. in Education. This requirement may be satisfied by 4 units of Latin or by 2 units of Latin and 2 of one other foreign language, or by 2 units each in any two of the foreign languages here listed.

THE SCHOOL OF COMMERCE
(The Degree S.B. in Commerce)

English			4 units
American History			1 unit
Mathematics (Algebra, Plane Geometry)		2½ or	3 units
Select Two	Latin	2 units	4 units
	German	2 units	
	French	2 units	
	Spanish	2 units	
	Greek	2 units	
Electives			
Total			15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Commerce call for: *Two* foreign languages, one of which must be a *modern* foreign language, to the extent of two units in each language.

THE SCHOOL OF PUBLIC WELFARE

The one-year and two-year courses of professional training are open to graduates of colleges of good standing.

Students of mature age not eligible to the regular courses by reason of not holding a degree may be admitted to special courses of one quarter or more provided they have had sufficient general education and practical experience to insure satisfactory work and conform to University requirements. Correspondence in regard to such admission should be addressed to the Director of the School of Public Welfare.

THE GRADUATE SCHOOL

Holders of Bachelors' or Masters' degrees from standard colleges are admitted to the Graduate School upon presentation of their credentials. Each student must bring to the office of the Graduate School, at the time of registration, a program of studies approved by the department in which he proposes to specialize, or, in case of special students, the permission of the department to register for certain specified courses. For further details the prospective student is referred to the Catalogue of the Graduate School.

THE SCHOOL OF LAW
Candidates for the Degree LL.B.

Students who are to be candidates for the degree of LL.B. must have completed such college work as will fit them for the study of Law. For detailed statement

of the subjects required see under the School of Law, Part Five. Students may not enter at the opening of the second term except by special permission of the Dean.

Candidates for the Degrees of A.B. and LL.B.

A special course has been prescribed in the College of Liberal Arts upon the completion of which a student may enter the Law School and upon the completion of the first year of Law receive the degree of A.B., and at the end of the third year of Law receive the degree of LL.B.

Candidates for the Degrees of S.B. in Commerce and LL.B.

The School of Commerce has prescribed a special course which the student may take for three years and upon its completion enter the Law School, and after completing the first year of Law receive the degree of S.B. in Commerce, and upon the completion of the third year of Law receive the degree of LL.B.

Candidates for the Degree J.D.

For admission to candidacy for the degree of J.D. the applicant must have completed the work requisite for the degree of A.B. or its equivalent before entering upon the work of the School of Law.

Admission to Advanced Standing

A student from another School of Law, in which the requirements for admission are at least as high as in this school, may be admitted to advanced standing for the degree of LL.B. As a rule no more than one year's work will be so credited without residence, but with the consent of the Law Faculty, two years' work may be credited in exceptional cases.

Students Not Candidates for the Degree

Students taking regular work in the school, but not candidates for the degree, unless they are "special students," must have completed college work equal to that required of candidates for the degree. For detailed statement of the subjects required see under the School of Law, Part Five.

Special Students

A limited number of persons who are twenty-three years of age or over may be admitted as special students upon satisfying the Law Faculty that they have such training and ability as will enable them to profit by the instruction given in the school. The number of special students admitted each year may not exceed ten per cent of the average number of students first entering the school during the two preceding years.

THE SCHOOL OF MEDICINE

Requirements for Admission to the Medical Course

The minimum requirements for admission to the medical course are two years (=60 semester hours) of college work, which must include a minimum of twelve semester hours in chemistry (including four semester hours of organic chemistry,) eight semester hours in Biology, eight semester hours in Physics, six semester hours in English, and six semester hours in a foreign language beyond the amount required in the language chosen for admission to the University. *No student will be admitted with less than the equivalent of sixty semester hours of accredited collegiate work, or with a condition on any of the required subjects in science.* All admissions are made with the approval of the Dean of the School of Medicine. The maximum number admitted to the first year class is forty-two; to the second year class it is forty. The Dean reserves the right to select from the entire list of applicants (usually many more than the number who can be admitted)

those applicants who in his judgment are best qualified for the study of medicine. The fact that an applicant may have been registered in our course leading to Bachelor of Science in Medicine does not obligate the Dean to admit him to the School of Medicine.

Admission to Advanced Standing

Candidates for admission to the second year of the medical course must present certificates from an accredited medical school stating that they have had the required fifteen units, at least two years of college work as indicated above, and have completed the subjects of the first year of the medical course as outlined.

THE SCHOOL OF PHARMACY

Candidates for the degree of S.B. in Pharmacy must present for entrance the subjects prescribed above on page 56. For the curriculum leading to this degree see under the School of Applied Science.

Candidates for the degree for Ph.G. must have completed a high school course of study or must present evidence of fifteen units. They may, however, enter a one-year special course without this prerequisite.

EXPENSES

The University reserves the right to make, with the approval of the proper authorities, changes in any fees at any time.

Tuition and Other Fees for Each Quarter

	Residents of N. C.	Non-Residents of N. C.
College of Liberal Arts:		
Tuition	$ 25.00	$ 50.00
*Matriculation	14.50	14.50
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$ 49.66	$ 74.66
School of Engineering:		
Tuition	$ 33.34	$ 58.34
Matriculation	14.50	14.50
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$ 58.00	$ 83.00

School of Applied Science:
Same as for the College of Liberal Arts.

School of Education:
Same as for the College of Liberal Arts.

School of Commerce:
Same as for the College of Liberal Arts, plus an additional fee of $1.00 for reading and materials for each quarter.

School of Public Welfare:
Same as for the College of Liberal Arts.

Graduate School:
Same as for the College of Liberal Arts.

* This fee includes fee for physical education, the library fee, the fee for attendance of the University Physician, and the fee for debates.

	Residents of N. C.	Non-Resident of N. C.
School of Medicine:		
*Tuition and Matriculation	$ 83.34	$ 108.34
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$ 93.50	$ 118.50
School of Pharmacy:		
Tuition	$ 28.34	$ 53.34
*Matriculation	14.50	14.50
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter	$ 53.00	$ 78.00
School of Law:		
Tuition for fall and spring terms, each	$ 50.00	$ 87.50
*Matriculation fee each term	21.75	21.75
Student Publications fee each term	2.50	2.50
Student Activities fee each term	2.50	2.50
Laundry Deposit each term	12.75	12.75
Total for each term	$ 89.50	$ 127.00

LAUNDRY DEPOSIT: Students will be required to send their washing to the University Laundry for which a deposit will be collected at the time of registration.

LABORATORY FEES: Each student taking a laboratory course must pay, in addition to his tuition fee, a small fee for power or materials used in the laboratory. The fees for the various laboratory courses are as follows:

BACTERIOLOGY

1, 4	$ 4.00	4	$10.00 (Non-med. students)
2 (Non-med. students)	6.00	5 (Non-med. students)	6.00

BOTANY

1, 11, 12, 41, 43	$ 4.00 a quarter	211, 212, 213, S214	$ 4.00 a quarter
103, 111, 112, 113, 122, 133, 141, 151, 153, S154	4.00 a quarter	251, 252, 253, S254	4.00 a quarter
		301, 302, 303	4.00 a quarter

* This fee includes fee for physical education, the library fee, the fee for attendance of the University Physician, and the fee for debates.

CHEMISTRY

1-2	$ 5.50 a quarter	169	$ 7.00
191, 192	10.00 a quarter	81, 82, 185	7.00 a quarter
121, 122, 123	10.00 a quarter	391, 392, 393	10.00 a quarter
31, 41, 42, 91, 92	10.00 a quarter	351, 352, 353	10.00 a quarter
93	5.00	341, 342, 343	10.00 a quarter
61, 62	10.00 a quarter	361, 362, 363	10.00 a quarter
163, 164, 165	10.00 a quarter	381, 382, 383	10.00 a quarter
167, 168	10.00 a quarter		

COMMERCE

71, 72, 171	$ 3.00 a quarter	179	$ 2.50
172, 173, 175	3.00 a quarter	61, 162	1.00 a quarter
177	2.00		

ECONOMICS

11	$ 3.50	71	$ 2.00

ENGINEERING

G.E. 36abc	$ 4.00 a quarter	G.E. 56	$ 5.00
G.E. 236abc	5.00 a quarter		
Ch.E. 94	$ 7.00	Ch.E. 191	$10.00
C.E. 25a	$ 4.00	C.E. 30a	$ 4.00
C.E. 35a	6.00	C.E. 40a	4.00
C.E. 55a	4.00	C.E. 60a	8.00
C.E. 65a	4.00	C.E. 160abc	4.00 a quarter
C.E. 165abc	4.00 a quarter	C.E. 280a	2.00
C.E. 285ab	2.00 a quarter	C.E. 290abc	5.00 a quarter
C.E. 360abc	5.00 a quarter	C.E. 365abc	5.00 a quarter
C.E. 370abc	5.00 a quarter		
E.E. 2abc	$ 4.00 a quarter	E.E. 22abc	$ 4.00 a quarter
E.E. 62abc	5.00 a quarter	E.E. 97abc	3.00 a quarter
E.E. 162abc	7.00 a quarter	E.E. 262a	10.00
M.E. 53bc	$ 5.00 a quarter	M.E. 63abc	$ 5.00 a quarter
M.E. 73a	5.00	M.E. 78c	5.00
M.E. 83a	5.00	M.E. 166a	5.00
M.E. 186bc	5.00 a quarter		

ENGLISH

61, 62, 63, 64, 65, 66	$ 2.00 a quarter

GEOLOGY

5	$ 3.50	51, 52	$ 2.50 a quarter
11, 12, 41	3.00 a quarter	53	2.50
43-44	5.00 a quarter	56	2.00
45	2.50	61-62	2.50 a quarter
47	3.50	107	3.50

111-112	$ 3.50 a quarter	133	$ 3.50
121-122	3.50 a quarter	134	3.50
123	3.50	171, 172, 173	3.50 a quarter
131	3.50	174, 175, 176	3.50 a quarter

JOURNALISM

51, 52, 53	$ 2.00 a quarter

PHARMACOLOGY

32	$ 5.00

PHARMACUETICAL CHEMISTRY

25	$ 5.00 a quarter	36-37	$10.00 a quarter
26	5.00	41	5.00
27	5.00	43-44	10.00 a quarter

PHARMACY

15	$12.00 a quarter	40	$10.00
23	10.00	49	5.00
38	10.00		

PHYSICS

21	$ 3.00	102, 104, 105, 107	$ 3.00 a quarter
22	5.00	51	15.00
21, 22, 23E	2.50 a quarter		

PSYCHOLOGY

21-22	$ 4.00 a quarter	126	$ 1.50
125, 135, 136, 147	2.00 a quarter	151, 152, 153	2.00 a quarter
138, 145, 146	1.00 a quarter	201, 202, 203, 205	2 00 a quarter

ZOÖLOGY

41b, 42b, 103, 104, 105	$ 5.00 a quarter	209, 210, 211	$ 5.00 a quarter
106, 107, 108	5.00 a quarter	212, 213, 214	5.00 a quarter
109	5.00	215	5.00
		316	3.00 or 5.00

TRANSCRIPTS OF RECORD. One transcript will be furnished without charge. Additional transcripts will be furnished only upon payment of $1.00 for each copy.

DIPLOMA. The fee for a diploma is $5.00, payable one week before the date of the award of diplomas at commencement or at the end of the Summer School.

Board

Excellent board is furnished at Swain Hall for $22.00 a month. A few students can earn their board by waiting on the tables.

Board without room can be obtained in the town from $22.50 to $35.00 a month.

Dormitory Accommodations

Accommodations for approximately fourteen hundred students are available in the University dormitories. For a list of the dormitories see pages 34-35.

All rooms in the dormitories are completely furnished. Students will, however, provide their own pillows, bed linen (for single beds), and towels.

Room rent ranges from $5.00 to $11.00 a month for each occupant, the price depending upon the location of the room. This charge includes light, heat, and service.

PECUNIARY AID

FELLOWSHIPS AND SCHOLARSHIPS

THE LEDOUX FELLOWSHIP IN CHEMISTRY. (Established in 1911 by Dr. Albert R. Ledoux.) The holder is expected to devote himself to research in chemistry. This fellowship is endowed, and yields $300 annually.

THE GRAHAM KENAN FELLOWSHIP IN PHILOSOPHY. A fellowship supported by the income from an endowment of twenty-five thousand dollars, established in 1921, by Mrs. Graham Kenan, in memory of her husband, an alumnus and trustee of the University. This fellowship is awarded annually by Professor Henry Horace Williams.

THE MOORE SCHOLARSHIPS. (Established in 1881.) Bartholomew Figures Moore, of Raleigh, bequeathed $5,000, the interest of which shall be devoted to paying the tuitions of students.

THE MARY RUFFIN SMITH SCHOLARSHIPS. (Established in 1885.) Miss Mary Ruffin Smith bequeathed to the University in memory of her brother, Dr. Francis Jones Smith, a valuable tract of land in Chatham County of 1,460 acres, known as Jones' Grove. The will provides that rents of the land, or the interest on the purchase money if sold, shall be used to pay the tuition of such poor students as the Faculty shall appoint.

THE MARY ANN SMITH SCHOLARSHIPS. (Established in 1891). Miss Mary Ann Smith bequeathed $37,000 for the foundation of scholarships, the number of scholarships to be determined by the amount of the income.

THE CAMERON SCHOLARSHIPS. (Established in 1892). The heirs of Paul Carrington Cameron founded in his memory ten scholarships of the value of $75 each.

THE SPEIGHT SCHOLARSHIPS. (Established in 1892). The late Mrs. Mary Shephard Speight bequeathed $10,000 to the University. The income shall be used to pay the tuition of needy students; but if tuition is ever made free, the income shall be used toward paying the salaries of the professors.

THE WOOD SCHOLARSHIP. (Established in 1892). Mrs. Mary Sprunt Wood, of Wilmington, has founded, in memory of her late husband, Dr. Thomas Fanning Wood, a scholarship of the value of $75.

THE DIALECTIC AND PHILANTHROPIC LITERARY SOCIETIES' SCHOLARSHIPS. (Established in 1893). The Dialectic and Philanthropic Literary Societies of the University founded two scholarships of the value of $75 each, recipients of which shall give assistance in the Library.

THE WEIL SCHOLARSHIP. (Established in 1898). A fund established by Mr. Henry Weil, of Goldsboro, furnishes one scholarship of the value of $75.

THE ARMFIELD SCHOLARSHIPS. (Established in 1901 and 1904). These scholarships were founded by the generosity of the late Mr. Eugene M. Armfield, of High Point, N. C., a member of the class of 1888.

THE KENNETH MURCHISON SCHOLARSHIPS. (Established in 1904). These scholarships have been founded by Mrs. Shirley Carter, of Baltimore, Md., and the late Mrs. James Sprunt, of Wilmington, N. C., in memory of their father. They are awarded by the founders.

THE DONALD FAIRFAX RAY SCHOLARSHIP. (Established in 1919). Mrs. N. W. Ray, of Fayetteville, N. C., has established this scholarship in memory of her son, Donald Fairfax Ray, a graduate of the University, who died while in the service of his country.

THE MILDRED WILLIAMS BUCHAN SCHOLARSHIP. (Established in 1920). A fund of one thousand dollars was given by Mr. Edward Robertson Buchan in memory of his wife. The income of this fund is to support a scholarship in the Department of Philosophy.

THE HOLT SCHOLARSHIPS. Four scholarships, valued at one hundred and twenty-five dollars each, are maintained by the income from the Holt Loan Fund, established in 1920 by Mr. Lawrence S. Holt, Jr. They are awarded by the Committee on the Holt Fund, to a member of each of the four classes in the Academic Department. Applications are considered after the opening of the University in the fall.

THE ALUMNI SCHOLARSHIPS. These scholarships have been established by the gifts of Alumni, and they vary in stipends according to the funds in hand.

THE R. H. LEWIS SCHOLARSHIPS. Four scholarships, endowed by the University Gymnasium Association, and called The R. H. Lewis Scholarships, are assigned by the President, and are good for tuition in the Academic Department.

THE MRS. AUGUSTUS H. JONES SCHOLARSHIP was created by a gift of two thousand dollars from Mrs. James H. Parker, of New York City, the income to be used for one scholarship. The recipient of this scholarship is to be designated by Mrs. James H. Parker during her life and thereafter upon recommendation of the New York Chapter of the United Daughters of the Confederacy. Failing this recommendation from either source, appointment is to be made by the President of the University, preference being given first to relatives of the late Dr. James H. Parker, of New York, and second to the relatives of the donor.

THE GEORGE NEWBY TOMS SCHOLARSHIPS. Established 1926 by Mr. C. W. Toms, in memory of his son, George Newby Toms.

The income from a fund of $5,000 is granted by the University as scholarships to worthy students, preference being given to students from Durham and Perquimans counties in North Carolina.

The General Robert Ransom Scholarship. This scholarship to the value of $200 is awarded each year to a lineal descendant of a Confederate Veteran. It is awarded and controlled by the United Daughters of the Confederacy in North Carolina.

The Jefferson Davis Essay Scholarship. Awarded each year by the United Daughters of the Confederacy in North Carolina to the high school graduate who writes the best essay on Jefferson Davis. Value $200.

William Blount Rodman Scholarships. Two scholarships assigned to students at the University from the memorial trust fund created by Colonel W. B. Rodman in memory of his father, William Blount Rodman. They are assigned by the State Superintendent of Public Instruction, Trustee of the fund.

The Daniel G. Fowle Scholarship. One scholarship founded in 1928 by Mrs. Walter F. Stearns (Mary H. Fowle) in memory of her father, Governor Daniel G. Fowle. Mrs. Stearns reserves the right to award the scholarship to a member of her own family; otherwise it will be awarded by the Superintendent of the Raleigh Schools and the Principal of the Raleigh High School to one Raleigh student on the basis of merit, character, and scholarship. Value annually $100.

None of these scholarships is open to students in the Schools of Law, Medicine, and Pharmacy. For scholarships open to students in these Schools, please see Part Five of this Catalogue.

This list does not include certain annual contributions for scholarships, which are not on an endowment basis.

All applications for scholarships must be filed in the President's office on or before July first, and must be in the regular form prescribed by the University. Blank forms are supplied on application to the President.

FREE TUITION

Free tuition in the College and in the non-professional schools is given to candidates for the ministry, to the sons of ministers residing in the State, and to residents of North Carolina under bodily infirmity. In the School of Education free tuition is given to teachers in the schools of North Carolina, and to students (residents of North Carolina) preparing to teach. In order to secure this free tuition, students preparing to teach must be candidates for the degree of A.B. in Education, and agree to teach in North Carolina for at least two years within a period of three years after leaving the University. This enables the University to aid effectively the public school teachers of the State.

Attention is called to the fact that under this provision free tuition is not given in any professional school nor in the Graduate School.

LOAN FUNDS

THE DEEMS FUND. (Established in 1879). A fund of $600 was established by Rev. Charles Force Deems, D.D., late pastor of the Church of the Strangers, New York City, formerly a professor in the University, in memory of his son, Lieut. Theodore Disosway Deems. In 1881 the gift was greatly enlarged through the munificence of Mr. William H. Vanderbilt by a gift of $10,000 "as an addition to the Deems fund, to be loaned to indigent students of the University."

THE MARTIN FUND. This fund has been established by the bequest of Mr. Thomas D. Martin, of Raleigh. Only the interest of the fund can be used for loans. It became available during the session of 1908-1909.

THE HOGUE FUND. A fund of $4,000 has been established by the Rev. R. W. Hogue, of Baltimore, the income from which is to be loaned to worthy students in the University.

THE HEWITT FUND. A fund of $18,700 was established in 1916 by the bequest of Mr. Joseph Henry Hewitt, of Princess Anne County, Virginia. Only the income from this fund can be used for loans to "needy and deserving students" of the University. This fund became available during the session of 1919-1920.

THE HOLT FUND. A fund of $10,000 has been established by Mr. Lawrence S. Holt, Jr., of Burlington. The principal of this fund is to be loaned to "worthy and needy students of the University." The income from this fund is to be used in establishing four scholarships in the University. It became available during the session of 1920-1921.

THE VICTOR S. BRYANT FUND. A fund of $7,500 has been established by the bequest of Mr. Victor S. Bryant, of Durham. The principal and the interest of this fund can be used for loans to "worthy and needy young men" at the University. This fund became available during the session of 1920-1921.

THE MASONIC LOAN FUND. A fund of $1,250 has been established by the Grand Lodge of Masons, the Grand Chapter of Royal Arch Masons, and the Grand Commandery of Knights Templar of North Carolina, for the purpose of "assisting worthy boys and girls to secure an education." The principal of this fund is loaned, and the interest is added thereto. The fund became available in the fall of 1922, and has since been increased.

THE SEELY FUND. A fund of $1,000 has been established by Mr. F. L. Seely, of Asheville, the principal of which is to be loaned to worthy and needy students, and the income therefrom to be added to the principal. This fund became available during the fall of 1922.

THE E. S. BLACKWOOD MEMORIAL LOAN FUND, created by bequest of Miss Katherine B. Blackwood, of New York City. This fund consists of $10,000 "to be used as a loan fund for needy students." This fund is administered in the same manner as the Deems fund.

THE A. B. ANDREWS LOAN FUND. In May, 1925, the five children of the late Colonel A. B. Andrews (William J. Andrews, class of 1891; Alexander B. Andrews, class of 1893; Mrs. W. M. Marks; John H. Andrews, class of 1897, and Graham H. Andrews, class of 1903) established a fund of $2,500 of which the principal and interest are to be loaned to worthy students. This fund has been increased to $3,750 through the subsequent gifts from Mr. Alexander B. Andrews, of Raleigh, N. C. The A. B. Andrews Loan Fund is administered as are other loan funds from the University and is established as a memorial to Colonel A. B. Andrews, a noted railroad builder in North Carolina and a Trustee of the University. It is requested by the donors that assistance from this fund be rendered first to students from those counties of North Carolina in which Colonel Andrews built railroads and second to those counties through which lines of the S. A. L., Norfolk Southern and Southern Railway systems run.

THE J. E. LEAR FUND. This fund of $5,244 became available in 1924 as a fund upon which students in the School of Engineering, especially students in electrical engineering, would have first claim. The fund was the result of installation work done by the senior class in electrical engineering under the supervision of Professor J. E. Lear.

THE POGUE LOAN FUND. The fund of $1,000 was presented to the University in April, 1930, by Mrs. Joseph E. Pogue as a memorial to her husband, the late Mr. Joseph E. Pogue, the fund to be known as the Joseph E. Pogue Loan Fund. The principal and interest are to be loaned to deserving students.

GRAIL LOAN FUND. In June, 1930, the Order of the Grail, an undergraduate organization at the University of North Carolina, gave $1,400 to be known as the Grail Loan Fund. The principal of this fund is to be loaned to worthy students and the income is to be used as the Grail Scholarship This scholarship, at present a cash award of $60, is to be made each fall to that member of the entering class who as a senior in a North Carolina high school made the highest score on the annual State-wide examination conducted by the North Carolina College Conference.

THE BLETHEN LOAN FUND. During the fall of 1930, Col. C. B Blethen, of Seattle, Wash., gave $2,000 to be known as the Alden Joseph Blethen III Memorial Lending Fund. This he did as a memorial to his son, A. J. Blethen III, who died just prior to his registration in the University as a member of the Class of 1934. The principal of the fund is to be loaned to deserving students.

ESCHEATS FUND. According to State law, clerks of court are directed to forward to the University money included in estates for which no heir can be discovered. For these funds the University is merely custodian for a period of years during which any heir discovered may legally claim the funds. During this period the money is placed in the Student Loan Funds as a temporary investment.

Applications for Loans

Applications for loans will be considered when made in person by students registered in the University. The funds are limited in amount and are loaned only on the security of two approved signatures and at the legal rate of interest. Application should be made to the Dean of Students as far in advance as possible.

Self-Help

It is confidently believed that no institution offers wider opportunity for self-help to meritorious students of slender means. The desire is that no worthy boy, however poor, shall ever be turned away for lack of means. To such the University and town offer unusual opportunities for support. Many students are now working their way through college by every form of honorable labor. A number are here as a result of money earned or borrowed. A few students are selected by the authorities as waiters at Swain Hall. Otherwise all opportunities available in the University and town must be secured by the personal efforts of the individual, with the assistance of the Self-Help Bureau of which Mr. Edwin Lanier is secretary. They are not assigned by the President of the University nor by the Executive Secretary nor by the Dean of Admissions nor by the Dean of Students. Application should be made to the Self-Help Bureau of the Y. M. C. A. as far in advance as possible.

MEDALS AND PRIZES

THE MANGUM MEDAL IN ORATORY. (Established in 1878). A gold medal founded by the Misses Mangum, late of Orange County, in memory of their father, Willie Person Mangum, class of 1815, is continued by his granddaughter, Mrs. Stephen B. Weeks, and his great-grandson, Mr. Julian Turner, and is awarded to that member of the Senior Class who shall deliver the best oration at Commencement.

THE EARLY ENGLISH TEXT SOCIETY PRIZE. (Established in 1886). A special prize is offered annually by the Early English Text Society of London for advanced work in Anglo-Saxon and Middle English.

THE EBEN ALEXANDER PRIZE IN GREEK. (Established in 1887). A prize of $10 is offered annually to that member of the Sophomore Class who shall present the best rendering into English of selected passages of Greek not previously read.

THE KERR PRIZE IN GEOLOGY AND MINERALOGY. (Established in 1889). A prize of $50 is offered annually by Mr. William H. Kerr in memory of his father, Professor Washington Carruthers Kerr, to any undergraduate or graduate student for the best thesis containing original work in the geology or mineralogy of North Carolina.

THE BINGHAM PRIZE IN DEBATE. (Established in 1899). This prize is offered by Mr. R. W. Bingham, in memory of his great-grandfather, grandfather, father, and brother. It is given annually, for excellence in debate. The contestants are representatives of the Literary Societies, and the contest is held during Commencement.

THE BRYAN PRIZE IN POLITICAL SCIENCE. (Established in 1903). A prize will be given annually for the best thesis in Political Science. This fund was established by the late William Jennings Bryan.

THE HUNTER LEE HARRIS MEMORIAL. (Established in 1903). Dr. Charles Wyche, of St. Louis, offers annually, in memory of Hunter Lee Harris, of the class of 1889, a gold medal for the best original story by any student in the University.

THE WILLIAM CAIN PRIZE IN MATHEMATICS. (Established in 1908). A gold medal is offered annually by Professor William Cain to that student who shall take the highest rank in Mathematics 4-5. No student will be recommended for the prize unless he attains to grade B.

THE PRESTON CUP, given by the Hon. E. R. Preston in memory of his brother, Ben Smith Preston, will be awarded annually to the undergraduate student who, during the months September to April, has done the best work of a journalistic nature.

MARY D. WRIGHT MEMORIAL MEDAL, given by Mr. P. E. Wright of Landis. A $25 gold medal will be awarded to the best speaker on the winning team of the two Literary Societies in their annual debate held in December.

THE ARCHIBALD HENDERSON PRIZE IN MATHEMATICS. A prize of $25 in gold is given by Professor Archibald Henderson to the graduate student who produces the best piece of original research in Mathematics.

THE PATTERSON MEDAL. (Established in 1924). A gold medal is offered annually by Lieutenant Commander D. F. Patterson, U. S. N., Mr. Albert F. Patterson, and Dr. Joseph F. Patterson to commemorate the memory of their brother, John Durand Patterson. This medal is awarded for general excellence in athletics to a student selected by a special committee.

THE DELTA SIGMA PI SCHOLARSHIP KEY. The Alpha-Lambda Chapter of Delta Sigma Pi awards annually a gold scholarship key. This key is presented to that Senior, who, upon graduation, in the opinion of the faculty ranks highest in scholarship for the entire course in Commerce. Not upon scholarship only is the key awarded but also upon leadership and promise of future usefulness. This key may be awarded to any student in the School of Commerce regardless of whether or not he is a member of Delta Sigma Pi.

THE CHI OMEGA PRIZE. The local chapter of the Chi Omega fraternity offers a prize of $25 in gold to the student who for the college year does the best work in the Department of Sociology.

Certain other prizes are offered in the Professional Schools of Law, Medicine, and Pharmacy. For these, see under the several schools.

REGULATIONS

SPECIAL NOTICE TO STUDENTS

This catalogue, issued in the spring of each year, is intended to give such a description of the work of the University and such a digest of its rules as are needed by students. Neither the courses announced nor the rules given are valid beyond the succeeding year, for before the end of the succeeding year a new catalogue will have been issued, superseding all previous catalogues. Ordinarily a student may expect to be allowed to secure a degree in accordance with the requirements of the curriculum laid down in the catalogue in force when he first entered the University, or in any one subsequent catalogue published while he is a student; but the faculty reserves the right to make changes in curricula, as in rules, at any time when in its judgment such changes are for the best interests of the students and the University.

FRESHMAN WEEK

In order to facilitate the process of adjustment which the freshman must pass through, the University has set up a "freshman week" program. The events of this week include mental and physical measurements, pre-registration counseling, special lectures on student traditions, library tours, and social gatherings, in addition to the registration for courses on Wednesday. This program begins with a meeting of the entire freshman class in Memorial Hall at 8:30 a.m. on Tuesday morning, September 15, 1931. All students entering the University for the first time in the Freshman class are required to be present at this and all other appointments comprising the program of freshman week.

REGISTRATION

All students are expected to present themselves for registration *Wednesday* or *Thursday, September 16* or *17, 1931*, between the hours of 9 a.m. and 5 p.m., at the places announced in the plan for registration. Freshmen are expected to complete their registration on *Wednesday, September 16;* all others on *Thursday, September 17.* All men registering here for the first time will report for physical examination to Dr. R. B. Lawson in the gymnasium; all women will consult Mrs. M. H. Stacy, Adviser to Women, in her office in the South Building, third floor. Bills for tuition and fees are payable at the time of registration. In the School of Law the fee for delayed registration is charged in the fall term as well as in the spring term. For the winter and spring quarters the same hours will be used for Freshmen and Sophomores on days fixed by the calendar for the registration of students. All other students must register during

the examination periods in December and March according to a schedule published immediately before these examinations begin. Registration in case of such students is not considered as completed until they have settled their bills at the Business Office on the date of registration for Freshmen and Sophomores and until they have attended all classes on the first day of the new quarter.

Registration for credit is limited to the first ten calendar days of a quarter.

DELAYED REGISTRATION

The penalty for delayed registration for the winter and spring quarters is one month of strict probation for each day of delay. No excuses will be accepted.

Each student registering later than the day appointed for his registration for the winter or the spring quarter must pay five dollars ($5.00) as an additional fee for delayed registration.

In the School of Law the fee for delayed registration is charged in the fall term as well as in the spring term.

ARRANGEMENT OF COURSES

Attention is called to the reduction of credit for freshman and sophomore courses when taken late in the student's career. See PART THREE, INTRODUCTORY NOTES.

Each student, when he presents himself for registration, must submit a list of courses, required and elective, which he desires to pursue.

No student will be allowed to take fewer than three nor more than three and one-half courses without special permission of his Dean.

Students desiring to change their courses must make written application to their respective Deans for the desired changes. The application will be considered by the Dean and will be granted only after a careful consideration of the facts in each case. The written permission of the Dean must be presented at the office of the Registrar and payment be made of the fee of twenty-five cents for each item of change. Changes in registration are limited to the first ten calendar days of a quarter.

ASSIGNMENT OF ROOMS

The rooms in the University dormitories are assigned to students by the Cashier in the order of application, subject to the special regulations given below.

The University reserves the right to require any student whom for any reason it considers an undesirable tenant to vacate a room in the University buildings.

In order to retain his room for the next session, a student must file with the Cashier before May 25, an application and a deposit

of $5.00 as an option. By December 10 another deposit of $5.00 must be made in order to retain the room for the winter and spring quarters. Double rooms must be applied for by both intending occupants. The rooms thus applied for will be retained until September 1 and January 1 respectively, when balance of rent is due. The $5.00 option deposit will be forfeited in case the applicant or applicants do not themselves occupy the room and pay the full rent. Rooms not applied for or made vacant by failure to pay at the proper date will be assigned in the order of application.

The right to occupy a room is not transferable and terminates with the expiration of the lease. Any attempt on the part of an occupant of a room to sell or transfer his right to occupancy shall be deemed a fraudulent transaction. The penalty for violating this rule shall be the forfeiture of the room by the new lessee.

The occupant of a room will be held directly responsible for any damage done to the furniture in his room or to the room.

No dogs shall be kept in the University dormitories. Breach of this regulation leads to forfeiture of the room.

CONDUCT

By order of the Board of Trustees the Faculty is directed to dismiss from the University any student who is known to engage in drinking intoxicating liquors, gambling, hazing in any form (presence at hazing is regarded as participation), or to be guilty of dissolute conduct.

Students persistently neglectful of duty, or addicted to boisterous conduct or rowdyism may be required to leave the University.

Students, unless *bona fide* residents of Chapel Hill, when suspended from the University for disciplinary reasons, must leave the campus and Chapel Hill within forty-eight (48) hours or forfeit the right to readmission at any time. The enforcement of this regulation is in the hands of the Faculty Executive Committee.

ATTENDANCE

ARTICLE I

Sec. 1. Regular class attendance is a student obligation.

Sec. 2. The unexcused absence is not recognized as a student privilege.

Sec. 3. Any student having attained the honor roll during two consecutive quarters shall be exempt during the ensuing quarter from the regulations governing absences and shall be exempt thereafter so long as that student maintains the honor roll average. To the foregoing regulation there are to be the following exceptions: (a) the privilege of absence does not apply to attendance requirements relative to written or laboratory work or to quizzes and examinations; (b) the privilege earned by the student shall be forfeited if that

student is absent without excuse immediately before or immediately after holidays.

Sec. 4. Departments or instructors may, on occasion, permit the student to attend or engage in an educational activity other than that of the class as a substitute for class attendance.

ARTICLE II

Sec. 1. The keeping of daily class attendance records is an obligation of the instructor.

Sec. 2. Collection of daily absence reports is an administrative responsibility. These reports shall be conveyed daily to the Registrar's Office, where they shall be recorded promptly and be made available for use.

ARTICLE III

Sec. 1. Absences from class attendance for cause may be excused. Such absences are those due (a)* to participation in recognized University activities, as those of the Glee Club, Debating and Athletic teams, and the Playmakers, when occurring away from Chapel Hill, such excuses to be issued by the Registrar; (b)† those due to actual illness, testified to by the physician who attended the student in person during illness; and (c) those due to emergencies caused by extraordinary circumstances, when excused by the Dean of the School concerned.

Sec. 2. The Registrar's Office shall furnish to the student a record of excused absences for the information of instructors.

Sec. 3. The maximum number of unexcused absences shall not exceed, during any quarter, the number of weekly meetings of the class, provided that any department may impose penalties for a less number of absences.

Sec. 4. Absences immediately before or immediately after University holidays shall count as the maximum number described in Section 3 of this Article.

Sec. 5. Any student who has incurred the maximum number of unexcused absences shall be placed on attendance probation, and in case of an additional unexcused absence, may be suspended from the University by his Dean. Before the decision is reached regarding suspension, the Dean shall confer with the instructor or the head of the department involved or both.

ARTICLE IV

Sec. 1. Any student who is absent from a quiz or an examination at the appointed time thereof without excuse as defined above in Article III, Section 1, will not be permitted to make up this quiz or examination. Any department may impose a fee not exceeding

* Such authorized leaves of absence must be secured in advance.

† Excuses for illness must be reported within forty-eight hours from the time of the beginning of the illness.

one dollar ($1.00) upon the student having excuse for such absence for the privilege of taking a special quiz or examination or a make up laboratory exercise.

ARTICLE V

Sec. 1. No student unless exempted by Section 3 of Article I shall be given credit in the University for any course unless that student has attended at least 75 per cent of the class meetings of the course during the quarter in which it is offered.

Sec. 2. Departments may require students who have been absent, whether the absences are excused or not, to make up work covered during the periods thereof.

OTHER REGULATIONS GOVERNING ATTENDANCE

In any quarter, absences are counted from the first regular meeting of each class. In no case will a student be considered present at any class until he has been registered as a member of that class.

A student who has been dropped for absences from a sufficient number of classes to reduce his schedule to one course will be suspended from the University for the remainder of the quarter on the ground of neglect of duty.

The grade of a student who quits a course without the permission of the Dean of his College or School is recorded officially as F.

The grade of a student who drops a course in which he is failing at that time shall be recorded as F, unless, in the judgment of his Dean, the reason for his failure be circumstances clearly beyond his control.

A student who is absent from any class without permission on the day immediately preceding or immediately following a holiday or recess shall go on strict probation for thirty days. Any student may appeal his case in writing within five days to the Executive Committee of the Faculty.

Attendance at chapel is required of Freshmen every week-day except Saturday and of Sophomores on Mondays and Fridays. Absence from chapel will subject the student to discipline by the Executive.

No student is allowed to absent himself from the University without written permission from the Registrar or his representative. This permission may, at the discretion of the executive officer, be granted only upon the formal request of the parent or guardian.

EXAMINATIONS

Regular written examinations are required at the end of each quarter in all courses except those the nature of which is such as to make written examinations unnecessary.

Before receiving his degree each senior in the College of Liberal Arts and each senior in the School of Commerce is required to pass to the satisfaction of his major department an examination in the

field of his major study. Such a comprehensive examination may be offered to a student only once in any one quarter. This rule became effective with the class receiving degrees in June, 1930.

Special examinations may be taken by students who have received the condition grade (E) at the period of the special examinations in the week preceding the opening of the session in September.

Provided he has no conflict with a course regularly taken by him in the quarter such a student may take an examination at any regular quarter examination in the same subject within a year after he has made the grade E. The grade E becomes F if the student fails to pass the special examination.

Under no circumstances may a student stand a special examination to remove a condition grade (E) between the first and the last class days in any quarter.

Special examinations for students who have been officially excused from regular examinations on account of sickness or have been absent on account of some necessary cause may be held at suitable times fixed by the Registrar and the instructors concerned. Such examinations must be taken within twelve (12) months of the date of absence.

To be entitled to take a special examination within a quarter, or at the September period, or at a regular quarter examination period, the student is required to file with the Registrar at least one week prior to the examination period a written notice that he desires to take such examination.

Final examinations except in laboratory practice may not be held at any times other than those specified in the preceding regulations.

No examinations may be held later than 6:30 p m.

All examinations must be held in Chapel Hill.

Examinations should be limited to a period of two hours. In courses in which a considerable portion of the examination is of a *practical* nature, the instructor may extend the time in his discretion.

No students other than the following should be permitted to take the examination in any course: 1st—regularly enrolled members of the class whose names have been reported from the Registrar's office to the instructor as having registered in due form for the course; and 2nd—those whose names have been reported from the Registrar's office as having the right to take special examinations on that course.

Students absent from an examination without an official excuse or present and failing to submit examination papers are reported "absent." This mark is equivalent in every respect to grade F or failure, and is so reckoned in the office of the Registrar.

Each student is required to subscribe his name to the following pledge or its equivalent on every paper: "I hereby certify that during this examination I have neither given nor received aid." The instructor should not report a grade for any student whose examination paper lacks this pledge.

Papers handed in at a special examination by students who have been officially excused from the regular examination will be graded. All others will be marked "passed" or "failed."

Schedules of examinations at the ends of the terms and in September are to be so arranged that examinations set for the last day of the period shall be set for the first day of the next period.

The order of examinations for the removal of conditions in September, 1931, will be as follows:

Wednesday, September 9

10 a.m.	Botany	2:30 p.m.	Geology
	Engineering		Psychology
	Latin		Rur. Econom.

Thursday, September 10

10 a.m.	Chemistry	2:30 p.m.	Education
	Commerce		English
	Philosophy		German

Friday, September 11

10 a.m.	Music	2:30 p.m.	Economics
	Hist. and Govt.		Romance Lang.
	Mathematics		Zoölogy

Saturday, September 12

10 a.m.	Comp. Lit.	2:30 p.m.	Open
	Greek		
	Physics		
	Sociology		

STANDING

After the close of each quarter reports of the standing of all students in all their studies are sent to parents or guardians. The reports are based upon the following system of marking:

Grade A, Excellent.
Grade B, Good.
Grade C, Fair.
Grade D, Barely passed.
Grade E, Conditioned.
Grade F, Failed.
*Grade I, Work incomplete.

A student must attain a grade of D to pass in any study. Grade E indicates that the student is conditioned but may remove the

* The grade I may be converted into one of the other grades by completing within a period of twelve months such additional assignments as may be required by the instructor in the course. A grade of I not so converted becomes F.

deficiency by special examination, as explained above. Students receiving grade F must repeat the study to receive any credit for the same.

A student has the right to appeal as to grading of his examination paper by his instructor. The appeal must be made to the President within three months after the examination. The President will appoint a committee of three persons who shall consider the case and whose decision shall be final.

To be eligible for graduation a student must secure the grade of C or higher on at least half of his courses.

Interpretation of this ruling:

(1) The rule applies to all undergraduate students for work passed subsequent to September, 1930.

(2) A student who completes the required courses but with grades which do not entitle him to his degree will be allowed to take additional junior-senior courses until such time as he meets the requirement of the rule.

(3) Transfers with advanced standing will come under this rule only for those courses pursued at this institution.

A student to be ranked as a Sophomore must have passed seven courses; to be ranked as a Junior, fifteen courses; to be ranked as a Senior, twenty-six courses.

Undergraduate students, in order to be eligible to continue in the University, must qualify according to the following requirements: A Freshman must pass at least two courses in the first two quarters, and at least five courses in the first three quarters. After the freshman year a student must pass at least one course each quarter, four courses in two successive quarters,* and seven courses in three successive quarters.* Deficiencies may be made up by correspondence work or in summer school, in which case only credits exceeding one course credit so obtained shall count for readmission. In three quarters, therefore, a freshman must pass at least five courses or six if he is making up a shortage by correspondence work or in summer school; and one above freshman year similarly must pass at least seven courses or eight if he is making good a deficiency by correspondence work or in summer school.

No student who fails to qualify under the above regulations may be readmitted to *any division* of the University except by a special vote of the Faculty or a delegated committee of the Faculty. This delegated committee of the faculty will meet at 9:00 a.m. on the *last* Saturday in July, at 9:00 a.m. on the second day *before* the stated registration day of each quarter, and at 9:00 a.m. on the second day *after* the stated registration day of each quarter to consider written petitions of students who have definite and convincing reasons on which to base a request that the rule be waived. All petitions, except those of students in Law, Medicine, and Pharmacy,

* By "two successive quarters" the last two quarters of residence are meant, and by "three successive quarters" the last three quarters of residence are meant.

should be sent to the Dean of the College of Liberal Arts *in writing* and, to be considered, must be in his hands *before* the stated meetings in that quarter in which the student seeks readmission.

WITHDRAWALS

Formal withdrawal, which is a prerequisite to honorable dismissal or reëntrance to this institution, must be approved by the student's Dean to be valid. Such a withdrawal will be approved only after full investigation of the circumstances and after the lapse of twenty-four hours from the time the first application is filed with the Dean.

If a student withdraws after the mid-term and has been reported as below passing (either W or X) in two or more courses, that quarter will be counted as a quarter in residence in all computations of his requirements for readmission. If a student withdraws before mid-term, it will be left to the discretion of the Dean as to whether or not that quarter is to be counted as a quarter in residence. The Dean's verdict will be indicated specifically on the form used for withdrawal.

GRADUATION

Each Senior will be officially informed by his Dean in September of all deficiencies standing against him.

The number of orations in the contest for the Mangum Medal is limited to four. The candidates must be Seniors in the College, the School of Applied Science, the School of Engineering, the School of Education, or the School of Commerce, and must announce their subjects to their respective Deans by February 1. The orations shall be delivered in private near May 1 before a committee of the Faculty, who shall decide upon the relative merits of the orations. The four successful candidates are known as the Commencement Orators of the Senior Class.

FRATERNITIES

GENERAL REGULATIONS. Students may join fraternities after registration at the opening of any quarter or term provided they are eligible under the special regulations of the Faculty. Pledging of a student to join a fraternity is not allowed until he has been in the University a specified length of time as follows: If he matriculates for the first time in the University in the Summer School or in the fall quarter, he may not be pledged until the pledge date in October; if in the winter quarter, until a similar date in February; if in the spring quarter, until a similar date in April. No student may be pledged during the Summer School, but, if a student remains in the Summer School for the full twelve weeks, it may be counted for him as a regular quarter towards meeting the requirements as to residence. A student entering the University with advanced standing, whether he enters an academic or a professional school,

may not be pledged until four weeks after the date of his matriculation in this institution; but in no case may a student be pledged during the Summer School.

TRANSCRIPTS OF RECORD

Honorable dismissal has reference to conduct and character only. It will not be granted unless the student's standing as to conduct and character is such as to entitle him to continue in this University. Furthermore, in every statement of honorable dismissal full mention will be made of any probation, suspension, or other temporary restriction imposed for bad conduct which is still in force when the papers of dismissal are issued.

Statement of record has reference to the recorded results of a student's work in the classroom. It will in every instance contain all the important facts pertaining to the student's admission, classification, and scholarship. In particular, no partial or incomplete scholastic record (for example, with failures omitted) will be given without clear evidence that it is partial or incomplete. If the student's scholarship has been such as to prevent his continuance in this University or to render him subject to any probation, suspension, or other temporary restriction which is still in force at the date of the record, a plain statement of any and all such facts will be included, and such information will be given as will make clear the system of grades employed, the number of exercises a week devoted to each course, etc.

Transcripts of record, except the first which is furnished without cost, will be made upon payment of one dollar ($1.00) for each copy desired.

ATHLETICS

Organization

The Athletic Council, consisting of three members of the faculty appointed by the President of the University, three Alumni elected by the General Alumni Association, three undergraduate students one of whom is the President of the student body, one the President of the athletic association, and one elected by the Undergraduate Monogram Club, the Director of Athletics, and the Graduate Manager, has direct control of all matters pertaining to athletics. The faculty members of the Council constitute the committee on eligibility and their decisions are final subject to review by the general faculty only. The faculty members in conference with the President of the University have full veto power over all acts of the Council.

The University of North Carolina is a member of the Southern Conference. Therefore all participants in intercollegiate athletics must qualify under the following rules of that body.

Rules of Eligibility of the Southern Conference

The following rules apply to all sports:

Rule 1.—*Bona Fide Students.* No one shall participate in any intercollegiate contest unless he is a *bona fide* matriculated student, having presented at least fifteen Carnegie units, regularly enrolled and doing full work as defined by the regulations of the institution in which he is enrolled; provided that no student shall be eligible for varsity competition unless on first entrance he presents fifteen Carnegie units by certificate or examination, and provided further that no work done after such entrance shall remove such ineligibility.

A student in special agricultural or other special courses who does not present the full entrance credits is not eligible under this rule.

Rule 2.—No person shall participate in intercollegiate varsity athletics at a member institution until after the expiration of twelve months from the date of his matriculation there, and until he shall have completed the scholastic requirements of that institution so that he has qualified for the next higher class.

Rule 3.—*Attendance.*

(a) No student having been a member of any athletic team of his college during any year and having been in attendance less than one-half of the college year shall be permitted to participate in any intercollegiate contest thereafter until he shall have been in attendance one-half of his next college year.

Note.—Attendance during Summer Sessions is not counted as "attendance" for the purpose of this rule.

(b) A student, who withdraws from a member institution at any time during the year and reenters at a corresponding time in a later year, retains his eligibility for the remainder of that year as though he had not withdrawn.

Note.—Nothing in this regulation is to abrogate Rule 5 below.

Rule 4.—*Migrant Students.*

(a) No person who has participated in any intercollegiate contest or freshman contest† in any branch of sport as a member of the team of any other college* shall be permitted to participate in any intercollegiate contest in the same branch of sport as a member of a team of any Institution in this Conference.

(b) Students who have pursued courses of study at one university or college* but who have not participated in any intercollegiate contest, shall be eligible to participate in intercollegiate athletics at another institution, but only when they have satisfied the conditions as set forth in Rule 2—the one-year residence rule.

† For the purpose of this rule an intercollegiate contest is a contest played by the varsity or freshman team. This rule does not affect the limit of participation as defined in Rule 5.

* *Definition of "College".* The word "college" as used in this code means any educational institution which offers a standard four-year course leading to a baccalaureate degree, and which equires at least fifteen Carnegie units for entrance

(c) Transfers from a junior college, normal school, or other institution not offering a standard four-year course may be allowed to continue their athletic careers at the institution to which they transfer provided they conform to the one-year-residence rule, except that graduates of junior colleges, which are members of the Association of Colleges and Secondary Schools of the Southern States, shall be eligible for participation in intercollegiate varsity athletics on Conference Teams in their first year of residence in a member institution; but the time of their participation shall be limited to two years over a period of two years, counting from the time of first matriculation in the member institution. Non-graduates of such junior colleges shall not be eligible until they have been in residence at the member institution for one full year; and the time of their participation shall be limited to two years over a period of three years, counting from the time of first matriculation in the member institution.

(d) A student in the preparatory department of a college who plays on the freshman or varsity team of that college, if he transfers to a Conference institution, shall be regarded as a migrant student.

Rule 5.—*Limit of Participation.* Participation in intercollegiate athletics shall be limited to four years (one year freshman and three years varsity), within a five-year period counting from the time of first matriculation. Every student shall be allowed three years of varsity participation in each sport, provided such participation falls within the five-year period herein defined.

Rule 6.—*Compensation.*

(a) No person who receives any compensation from his institution for services rendered by way of regular instruction shall be allowed to participate in intercollegiate contests.

(b) No person shall be allowed to participate in any intercollegiate contest who receives any gift, remuneration, or pay for his services on a college team.

(c) No person shall be permitted to participate in any intercollegiate contest who has ever used or is using his knowledge of athletics or his athletic or gymnasium skill for gain.

Note.—This rule does not apply to any person who has done work in connection with a playground or a summer camp where the requirements do not call for a man with technical preparation in physical training.

(d) The following persons shall be ineligible to compete on any team in this Conference:

(1) Those who hold any scholarship, fellowship, or cadetship involving financial benefit which is awarded wholly or in part for athletic ability.

(2) Those who enjoy any loan fund or similar financial benefit which is awarded wholly or in part for athletic ability.

(3) Those who hold any position involving financial benefit which is awarded wholly or in part for athletic ability.

(e) Any college athlete who signs a contract or enters into an agreement, explicit or implicit, with a professional team shall not be eligible for intercollegiate athletics.

Rule 7.—*Summer Baseball.* No athlete in any Conference Institution shall participate as a member of any summer baseball team without the consent of his Faculty Committee on Athletics; and such a player when given permission to play on such team shall submit at the reopening of the school term to his Faculty Committee a certified statement that he has not received pecuniary compensation therefor.

Rule 8.—No student shall be eligible to participate in intercollegiate contests if he has played on any summer baseball team which played more than three games a week while he was a member of it. A student who plays baseball on a team which plays three games a week shall not be allowed to play on any other team during the same week.

This rule applies to regularly matriculated college students and not to students who played summer baseball before entering college.

No student who has played on a baseball team recognized by the National Baseball Commission shall be eligible for intercollegiate athletics.

To the list of professional teams thus proscribed shall be added all league teams in any State which the Conference institutions of such State declare professional and from which they debar their own players. In the event that said Conference institutions cannot agree on proscribed teams, the executive committee shall have the power to decide the issue and their action shall be final.

Rule 9.—*Assumed Name.* No person shall take part in any intercollegiate contest under an assumed name.

Rule 10.—*Delinquency in Studies.* No student who is found delinquent in his studies by the faculty shall be permitted to participate in any intercollegiate contest.

Rule 11.—*Freshman Teams.*

Freshman teams shall be composed of members of the freshman class only, who shall not compete as such for more than one year, and who shall be eligible under the general rules, with the exception of the one-year rule. For the purpose of this rule a Freshman is a student who enters the Institution from a High School or a Preparatory School

In addition to the rules of the Southern Conference the following local rules apply to all students participating in intercollegiate athletics:

1. No student will be allowed to take part in athletic contests entailing absence from the University whose parents (or guardians) object to such participation.

2. No student may be a candidate for the baseball team unless he has been in attendance during the preceding winter quarter without the express permission of the Faculty Committee on Athletics.

3. Inasmuch as a member of an athletic team of this University enjoys special honor in thus representing the University, this privilege shall be withheld from any student whose scholastic standing is discreditable. Any student reported as deficient in a majority of his classes may be prohibited by the Dean of his school from participating in any intercollegiate contest until the deficiency is made good.

4. No team will be allowed to be absent from the University for more than ten lecture days during any quarter.

5. The manager of each athletic team shall submit to the Faculty Committee on Athletics a schedule of all engagements before positive arrangements are made.

6. No student shall play upon any athletic team except after physical examination by the University Physician.

7. Before any student can become a member or a substitute member of any athletic team of the University and take part in any intercollegiate contest he must make application to the Faculty Committee on Athletics and secure the endorsed approval of that committee on his application. It shall be the duty of the Faculty Committee on Athletics to have the Registrar of the University indorse such application to the effect that the applicant is a registered student of the University and has completed the scholastic requirements.

8. It is the duty of the Faculty Committee on Athletics to inquire into the athletic record of the applicant and it shall be the duty of the applicant to appear before the committee and answer on his honor such questions as the committee may see fit to ask.

9. It is the duty of the Faculty Committee on Athletics to require a pledge in writing of the applicant, certifying on his honor that he has never accepted, directly or indirectly, remuneration, compensatory gift, valuable consideration, or promise thereof for his athletic services. The applicant must satisfy the committee that he is in the proper and strict sense of the word an amateur before the committee indorses his application.

10. It is the duty of the graduate manager, the members of the coaching staff, the president and the treasurer of the Athletic Association, the members of the Athletic Council, the director of the gymnasium, and the captain of the team concerned to furnish the Faculty Committee on Athletics, on request, a statement to the effect that each member of an athletic team is above their suspicion as to his eligibility to represent the University as an amateur before such player shall be allowed to take part in any contest.

REGULATIONS GOVERNING DRAMATIC, MUSICAL, DEBATING, AND SIMILAR ORGANIZATIONS

1. No student will be allowed to take part in dramatic, musical, debating, oratorical, or similar events entailing absence from the University whose parents (or guardian) object to such participation.

2. Any student who was in attendance at the University during a previous quarter must have passed, during his last quarter of attendance, satisfactory examinations upon at least two full courses or their equivalent, before he will be allowed to represent the University in any dramatic, musical, debating, oratorical, or similar event of a public nature.

3. No student reported during the course of any quarter as deficient in two full courses or their equivalent may publicly represent the University in any dramatic, musical, debating, oratorical, or similar event until such deficiency is made good. For the purpose of administering this ruling, the Director of the organization concerned shall present to the Registrar at least four weeks before the given event a list of students proposed for participation in that event; the Registrar shall report to the Director of that organization at least three weeks before the event the names of ineligible students on such list, and after that date no student not so reported shall be declared ineligible.

4. No team or club will be allowed to be absent from the University more than ten lecture days during any quarter.

5. No student having membership in more than one of these organizations, or in one of these and one athletic organization will be allowed to be absent from the University more than ten lecture days during any quarter.

STUDENT GOVERNMENT

The student body of the University is self-governing. The functions of this government are both disciplinary and constructive. These functions are exercised by the Student Council and the Central Administrative Council respectively.

THE STUDENT COUNCIL, 1930-1931

RALPH C. GREENE, Chairman *ex officio*
MAYNE ALBRIGHT, Secretary

R. L. GRAHAM, JR.
B. H. BARNES
W. E. UZZELL
J. A. WHITAKER
M. S. BENTON
L. G. BAREFOOT

The Student Council is composed of eight members, as follows: Representatives of the three upper academic classes, one representative from each of the professional schools, one representative elected by the other seven members of the Council, and the President of the Student Body. The member elected by the Council must be chosen from among those who have served on the Council before. The President of the Student Body is *ex officio* Chairman of the Council.

Student government, in so far as it is disciplinary, is based upon the honor system. No code of rules is laid down to direct a student what to do and what not to do. The only standards are those of morality and gentlemanly conduct. The Student Council is the head of the honor system. It is the concrete expression of the moral University. Its members being elected of the students by the students, it is grounded upon, and gives expression to, student sentiment. The Council is not an organization of policemen, nor is it based upon a system of espionage. When any student is felt by his fellow students to be unworthy to remain in the University, the Council takes cognizance of this feeling. It examines the matter, finds the facts in the case, and decides upon the course to be pursued. If the student is found guilty of conduct unworthy of a University man, he is promptly required to withdraw from the University. Among the offenses demanding withdrawal may be mentioned drunkenness, cheating on examination, and gambling.

THE CENTRAL ADMINISTRATIVE COUNCIL, 1930-1931

Ralph C. Greene, President of the Student Body, President *ex officio.*
H. N. Patterson, President of the Senior Class.
W. H. Yarborough, Editor of *The Daily Tar Heel.*
J. C. Williams, Editor of *The Carolina Magazine.*

The Central Administrative Council of the student body is composed of *ex officio* members who, because of their position as duly chosen student leaders, have a large share of the responsibility for the leadership in campus life and activities during their year of office. The four men meet frequently to discuss campus problems, and to plan for the unification of the student body in various progressive measures. They call in, from time to time, other student leaders representing various phases of University life, and discuss with them their plans for their particular activity and the way in which they may better serve the University as a whole. Such meetings between student leaders, coupled with periodic assemblies of some twenty-odd student leaders and members of the Faculty Committee on Student Activities, constitute the procedure by which the expanding life of the University has been unified in form and yet kept sensitive to the needs and viewpoints of the many student interests.

PUBLIC LECTURES

THE JOHN CALVIN McNAIR LECTURES

HENRY HORACE WILLIAMS, *Chairman*

The lecture fund established by the will of John Calvin McNair, of the class of 1849, became available in 1906, and the interest therefrom rendered it possible to begin the lectures in 1908. The honorarium for the lectures amounts to $500 and the remainder of the interest from the fund provides for the suitable publication of the lectures. Under the will the objects of the lectures "shall be to show the mutual bearing of science and religion upon each other and to prove the existence of attributes (as far as may be) of God from nature."

There were no lectures on this foundation in the year 1930.

THE WEIL LECTURES

HOWARD WASHINGTON ODUM, *Chairman*

During the years 1914-1915 an unendowed lectureship on American Citizenship was established by the University. The first incumbent was ex-President William Howard Taft, who lectured on "The Presidency: Powers, Duties, Obligations, and Responsibilities." Since that time this foundation, named the Weil Lectures on American Citizenship, has been permanently established through the generosity of the families of Mr. Sol Weil and Mr. Henry Weil, of Goldsboro, N. C.

The series for 1929-1930 was delivered by Dr. Will W. Alexander of the Inter-Racial Commission. His subject was: "What Is the South?"

UNIVERSITY ORGANIZATIONS

THE SENATE OF THE DIALECTIC LITERARY SOCIETY AND THE GENERAL ASSEMBLY OF THE PHILANTHROPIC LITERARY SOCIETY

The Dialectic and the Philanthropic Literary Societies were organized in 1795, the year of the opening of the University. Their existence has been inseparably linked with that of the University and they have shown remarkable power in developing character, as well as in training the intellect. They offer facilities for practice in debate, oratory, and essay writing; and their members become familiar with parliamentary law and procedure.

In 1919 the Philanthropic Society reorganized itself after the plan of the General Assembly of North Carolina, and is now the General Assembly of the Philanthropic Literary Society, and conducts its meetings as a legislative assembly. Similarly in 1924 the Dialectic Society was reorganized upon the plan of a senate and as such conducts its meetings.

Each society owns a large, handsomely furnished hall, the walls of which are hung with oil portraits of illustrious members, including a President of the United States, Cabinet members, Governors, etc. Meetings are held by each society every Saturday evening of the college year, admission being confined to members. Public contests in debate between the two societies are conducted throughout the year, culminating in the annual Commencement debate. There is also held each year a system of intercollegiate debates and oratorical contests.

By immemorial custom students from the eastern half of the State usually join the Philanthropic Society, while those from the western half join the Dialectic Society (Chapel Hill being regarded as the dividing line). Although membership in these societies is entirely optional, it is earnestly recommended by the Faculty as furnishing unusual opportunities not only for literary culture, but also for the development of self-control and the power to persuade and control others.

ELISHA MITCHELL SCIENTIFIC SOCIETY

CHARLES STAPLES MANGUM, M.D., *President.*
JOHN WAYNE LASLEY, Ph.D., *Vice-President.*
JAMES MUNSIE BELL, Ph.D., *Permanent Secretary.*
RALPH WALDO BOST, Ph.D., *Recording Secretary and Treasurer.*

WILLIAM CHAMBERS COKER, Ph.D.
HENRY VAN PETERS WILSON, Ph.D.
OTTO STUHLMAN, JR., Ph.D.
} *Editors of the Journal of the Elisha Mitchell Scientific Society.*

The Elisha Mitchell Scientific Society holds monthly meetings during the college year for the discussion of scientific subjects. A *Journal*, which is the official organ of the Society and of the North Carolina Academy of Science, is issued quarterly. The object of the society is to encourage scientific research and to record results of such work, especially those that pertain to the natural history of the State. The membership is at present restricted to the faculty and students of the University, and members of the staff of the State Department of Conservation and Development.

At the monthly meetings, which are held on the second Tuesday of each month, excellent opportunities are afforded the students to get beyond the ordinary routine of the classroom by hearing readings and discussions of papers resulting from the research work in all the scientific departments of the University, talks by the alumni engaged in scientific research, and discussions of the important scientific discoveries. It gives the students and faculty a broader outlook and sympathy for scientific research in fields other than their own special one, a sympathy which is impossible in the smaller departmental societies.

The *Journal* is more than a bulletin of the scientific laboratories of the University. It contains original papers on scientific subjects by scientific men and research students throughout the Southern States. It also publishes the Proceedings of the Elisha Mitchell Scientific Society and the Proceedings of the North Carolina Academy of Science, as well as abstracts of papers on scientific subjects published elsewhere by members of the faculty and alumni of the University. It is now in its forty-seventh year. The volumes already issued contain more than six thousand pages. By the exchange of the *Journal* with more than three hundred scientific journals and periodicals many thousands of books and pamphlets have been collected, all of which are arranged in the University Library.

THE NORTH CAROLINA HISTORICAL SOCIETY

ALMA STONE SKAGGS, A.B., *Permanent Secretary*

The North Carolina Historical Society was founded in 1833 by Governor David L. Swain. When Governor Swain became President of the University, the Society was moved from Raleigh to Chapel Hill Under his leadership it became the center of historical work in the State and the medium of many notable contributions to the history of the State. On March 22, 1875, through the activity of Kemp Plummer Battle, LL.D., the society was chartered by an act of the General Assembly. The purpose of the Society is to collect, classify, and publish material illustrative of the history of the State. The Society possesses a valuable collection of books, pamphlets, manuscripts, newspaper files, coins, and other objects of historic interest. The educational aim of the Society is to create a

love for historical study and to give training in scientific methods of historical investigation.

THE NORTH CAROLINA CLUB

Paul W. Wager, *Secretary.*

Eugene Cunningham Branson
Samuel Huntington Hobbs, Jr.
Paul Woodford Wager
James Gilbert Evans
} *Steering Committee*

The North Carolina Club was organized September 25, 1914, for the purpose of providing an open forum to review, interpret, and discuss the economic, social, and civic problems of the State. It is an organization composed of students and faculty members who are bent upon accurate, intimate acquaintance with North Carolina. The Club meets for an hour upon fortnightly Monday evenings for the reading and discussion of a paper prepared by a member. Graduate and undergraduate college credit is given for creditable work provided the student registers in advance for Club credit. The studies of the North Carolina Club are given to the public in its annual Yearbook.

THE PHILOLOGICAL CLUB

William Dougald MacMillan III, Ph.D., *President.*
John Coriden Lyons, Ph.D., *Vice-President.*
George Frederick Horner, A.M., *Secretary.*
Ralph Stokes Collins, A.B., *Treasurer.*

The Philological Club meets in the lounge of the Graduate Club on the first Tuesday evening of each month during the college year. Its membership consists of the faculty and advanced students in the language and literature departments of the University. The object of the club is to stimulate original investigation in language and literature and to afford an opportunity for the interchange of views on subjects relating to such work. At each meeting papers are read and discussed.

DER DEUTSCHE VEREIN

Rudolph Samuel Matthews, A.B., *Director and Faculty Adviser.*

The Verein was established for the purpose of maintaining and stimulating among the officers and students of the University interest in German literature and music, life and customs, progress and achievements. The aim is to employ the German language as much as possible. The effort is made to provide students of German with an opportunity to perfect their pronunciation and to improve their control of the spoken language.

It is part of the purpose of the Verein to arrange from time to time for public lectures in German. Special stress is laid by the Director on dramatic activity, particularly on the staging and the interpretation of German ballads.

All officers and students of the University interested in German are eligible for membership. The Verein meets twice a month, every second and fourth Wednesday, at 7:00 p.m.

LE CERCLE FRANCAIS

WILLIAM BENJAMIN NAPIER, *President.*
JOHN AYMAN DOWNS, A.M., *Adviser.*

Le Cercle Francais holds monthly meetings at which topics of general interest pertaining to French literature and French life, manners, and customs are discussed. The French language is employed exclusively. It is the aim of the club to stimulate interest in the French language, and to provide its members with an opportunity to hear idiomatic French spoken and to use the language with more facility. All officers and students of the University interested in the study of French are eligible for membership.

EL CENTRO HISPANO

HUMBERTO JULIO UMANA CORDERO, *President.*
DAVID FRANKLIN MCDOWELL, *Vice-President.*
ARMANDO MENDEZ PÉREZ, *Secretary.*
KOLVIN KJELLESVIGY GONZALEZ, *Treasurer.*
RALPH STEELE BOGGS, *Adviser.*

The membership of El Centro Hispano consists of the instructors in Spanish, members of the community who speak the language, and students of the University who have shown distinction in courses in Spanish. The object of the club is to stimulate interest in the language, literature, and customs of Spain and Hispanic America, and to provide its members with an opportunity to hear idiomatic Spanish spoken and to use the language with more facility.

AMERICAN SOCIETY OF CIVIL ENGINEERS

The William Cain Student Chapter

RANKIN JONES WHITE, *President.*
GEORGE JOSEPH QUINN, JR., *Vice-President.*
FREDERICK CALDWELL CAIN, *Secretary.*
CHARLES PERRY ERICKSON, *Treasurer.*

The puproses of the Chapter are to afford the student in Civil Engineering practice in the preparation and presentation of engineering papers, to give a working knowledge of parliamentary law, to develop the ability to speak extemporaneously, and to provide a contact between students, faculty, and visiting engineers.

The Chapter meets bi-weekly; and six times during the year social meetings are held, to which are invited successful practising engineers.

The Chapter receives all the publications of the Society and its members are accorded the privilege of attending any of the Society meetings.

Membership is open to all students of the Division of Civil Engineering.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

The University of North Carolina Branch

GEORGE DEWEY THOMPSON, *President.*
CHARLES PATTON HAYES, *Secretary.*

The aim of the Branch is to stimulate interest in modern problems in the various fields of electrical engineering, to provide a means for students to discuss in public various questions of a technical nature, and to give them an opportunity for practice in thinking on their feet. The Branch meets semi-monthly. The papers consist of original discussions and abstracts of papers presented before the regular Institute meetings. Membership in the Branch is open to all students who are interested in electrical engineering, and all enrolled members receive regular monthly Proceedings of the Institute.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

The University of North Carolina Branch

R. C. PLUMMER, *President.*
FREDERICK KNOOP, JR., *Vice-President.*
R. A. PARSLEY, JR., *Treasurer.*
V. A. HARRELL, *Secretary.*

The object of the Branch is to assist the student, while receiving training in preparation to practice the profession of mechanical engineering, to gain a proper perspective of engineering work by enabling him to become acquainted with the personnel and problems of those actively engaged in this profession.

The Branch holds regular monthly meetings and occasional special meetings to hear and meet visiting engineers. The engineering library has been made a depository of all the publications and Annual Transactions of the National Society. Membership in the Branch is open to all students in the Division of Mechanical Engineering.

MUSIC CLUBS

The University Glee Club

STEPHEN ANDREW LYNCH, *President.*
JOHN EDWARD MILLER, *Vice-President.*
CHARLES CHAPMAN DUFFY, *Secretary.*
ALDEN JOSEPH STAHR, *Librarian.*

Chosen by competitive try-outs, the members of the Glee Club make a thorough study of the choral literature of the European and American schools. In addition to a concert tour each quarter into neighboring states, the Glee Club presents a series of concerts on the campus. Participation in the South Atlantic Glee Club Association contest is a regular feature of the life of this organization. Professor Harold S. Dyer is the director.

The University Symphony Orchestra

This organization, numbering upwards of seventy pieces, provides training and experience in the field of symphonic ensemble. At least one concert tour each year is made, and a series of concerts played on the campus. Professor T. Smith McCorkle is the director.

The University Band

During the football season the Band of eighty men appears at all home games and the major games away from home. The Concert Band of fifty men is chosen for the winter quarter concerts early in January. A concert tour and series of home concerts follow. Professor T. Smith McCorkle is the director.

The Oratorio Society

GEORGE LAWRENCE, *President.*
WILLIAM LANIER HUNT
MRS. T. SMITH MCCORKLE } *Executive Committee.*
CECIL JOHN MCHALE

A union of the musical forces of the faculty, students, and citizens of the community creates an organization which, under the direction of the head of the Department of Music, performs choral works of major character. Haendel's "Messiah" is presented annually with soloists, assisted by the University Symphony Orchestra, in December. A second concert is given each spring as a feature of Music Week. Membership is by application to the Executive Committee.

Wigue and Masque

WEX SMATHERS MALONE, *President and Musical Director.*

This organization, of student musico-dramatic membership, produces each year an original musical comedy, with a cast composed of both men and women. Both music and book of the Wigue and

Masque productions are student creations, being selected by competitive try-out. Membership in the organization is likewise secured by examination and try-out.

Musical Calendar

With the opening of Music Hall, with the magnificent concert organ, two series of recitals have been provided. The Vesper Organ Series by Professor Nelson O. Kennedy, of the Department of Music faculty, occur at 4:45 o'clock on every fourth Sunday afternoon. The Guest Organ Series, played by prominent recitalists from the South, occur monthly as evening concerts, one each month.

Members of the faculty, visiting artists, student organizations and groups provide recitals and concerts throughout the year. Phi Mu Alpha Sinfonia, the honorary musical fraternity, is sponsor for one series of concerts each year. Public lectures on musical subjects are also given by members of the Department of Music faculty.

STUDENT ENTERTAINMENT COURSE

By vote of the student body in the College of Liberal Arts and the School of Education, a fee of $1.00 a quarter is charged against each student in these two schools for the support of the Student Entertainment Course. Students in other schools may take advantage of the entertainment course at the rate of $3.50 for the year. The administration of the resulting fund is in charge of a special committee consisting of four students from the two schools and three faculty members.

During the school year 1930-1931 the program of the entertainment course was as follows: Carola Goya, February 7; Bruce Bairnsfather, February 20; Gay MacLaren, March 7; Kedroff Quartet, March 31; Agna Enters, April 7.

The program for the fall quarter was suspended due to the building of the new auditorium.

THE CAROLINA PLAYMAKERS

FREDERICK HENRY KOCH, A.M., *Director.*
SAMUEL SELDEN, A.B., *Associate Director.*
RALPH WESTERMAN, A.M., *Business Manager.*
ALVIN SAWYER WHEELER, Ph.D., *Treasurer.*

The Carolina Playmakers is the University dramatic organization.

Its purpose, as set down in the Charter, is: "First, to promote and encourage dramatic art, especially by the production and publishing of plays; Second, to serve as an experimental theatre for the development of plays truly representative of the traditions and present-day life of the people; Third, to extend its influences in the establishment of a native theatre in other communities." It is incorporated under the laws of the State of North Carolina as a

non-stock corporation. The members are President Graham, Professors Coffman, Green, Henderson, Koch, McCall, Selden, Wheeler, Wilson, and Mr. Graves, Mrs. Green, Mr. House, Mr. Westerman, and Mr. Woollen.

The Carolina Folk-Plays and other plays of American locale are written and produced in the University courses in Dramatic Composition and Production, members of the community of Chapel Hill —students, faculty, and townspeople—assisting. Those who contribute to the writing or producing of the plays constitute the memmership of the organization. Any student may participate in any of the various departments of the work.

The Playmakers now have their own theatre building on the campus, fully equipped for all manner of experimentation and production. Besides this, their Forest Theatre furnishes an ideal setting for out-of-door productions.

Each year The Playmakers make three tours of ten days each, one tour in each University quarter.

YOUNG MEN'S CHRISTIAN ASSOCIATION

Advisory Board, 1929-1930

W. D. Moss, *Chairman*
D. D. Carroll, *Treasurer*

F. P. Graham
H. W. Odum
F. F. Bradshaw
A. W. Hobbs
R. B. House
H. D. Meyer
E. R. Hamer (*ex officio*)
F. M. James (*ex officio*)

Employed Staff

Harry F. Comer, *General Secretary.*
Edwin Lanier, *Self-help Secretary.*
Miss Willie Ames, *Office Secretary.*

Student Officers

E. R. Hamer, *President.*
J. S. Gorham, Jr., *Vice-President.*
F. M. James, *Treasurer.*
Harry Finch, *Recording Secretary.*
Sophomore Sub Cabinet,
E. B. Ferguson, *President.*
Freshman Sub Cabinet,
Graham McLeod, *President.*

The Young Men's Christian Association is an organization of students which seeks by precept and example to encourage right and wholesome Christian living. In this spirit it endeavors to extend a helping and active influence to every sphere of campus activity, athletic, academic, social, and so on.

Not unaware of its essentially religious nature, it strives in every feasible way to make the religion of the campus very real and very genuine, and to uphold the Christian life as the ideal in conduct, thought, and temperament for every man. To those who are so inclined it offers unlimited opportunity for religious service. Through its support of rural Sunday schools, its Bible and missions studies, its religious meetings, its deputation teams to high schools, its special lectures and institutes, and its personal associations it affords every man a medium of expression in service to the Christian cause.

For an additional number it offers opportunity for community and social service. Through its work for new students, the yearly handbook and directory, bureau of employment, exchange of lost and found articles, socials, receptions, and similar activities, many students are enabled to give to the community that measure of useful service which would otherwise remain wholly unexpressed.

The Association has very greatly enlarged its program and staff in the past five years, keeping step with progress in all other departments of the University, and with the increase in student enrollment. More than 300 different men are being used this year on various committees, and the work has extended itself very greatly into the life of the community.

GENERAL ALUMNI ASSOCIATION

The General Alumni Association of the University of North Carolina was first organized in 1843. It continued with its original organization until the Civil War. Beginning again in 1875 meetings of the Association were held, usually for some emergency purpose. It appears that the General Alumni Association in 1875, destined so to continue for a number of years, was merely a meeting of a handful of interested alumni for the purpose of best serving some emergent University situation. Repeated efforts were made after 1875 to adopt some definite plan of organization with a stipulated membership, fees, officers, and a program. Some of these efforts never developed beyond paper plans, while others were actually undertaken but persisted only a short time. Finally, in 1919, a Constitution for the Association was drafted which was destined to be the actual forerunner of the Association as it is today. Three years later a full-time Executive Secretary was secured and the Central Alumni Office opened apart from any other University activity. By the end of 1925 the work of the Association had so developed as to render the old Constitution and By-Laws obsolete. A special committee was created to draft a final plan for the organization of the General Alumni Association. This was reported and adopted at the General Assembly of the Association on November 20, 1926.

The General Alumni Association is interpreted to include all the local associations holding charters from the General Association, the Alumni Class Secretaries Bureau, the Alumni Loyalty Fund Council, those in charge of any alumni project which has the sanction of the General Assembly, and such additional activities as the Association may initiate, or authorize others to initiate, within the alumni body. By way of summary, the Association includes the composite of all activity carried within the alumni body whether the work is conducted by the Association through its regularly established agencies, or conducted by some other agency but with the sanction of the General Assembly; for the Association presumes to control all activity within the alumni body.

The general purposes of the Association, as stated in its present Constitution, are those which have been usually regarded as its purposes since the first meeting in 1843, although the emphasis has shifted from time to time. In exact phrase they are stated as being "to prepetuate the friendships formed in collegiate years, to promote the welfare of the University of North Carolina and its alumni, and to promote the cause of education generally."

The rather liberal interpretation of *alumnus*, usual throughout the country, has been adopted by the General Alumni Association in its conception of its purpose and in its definition of the groups

from which its membership is derived. Active members may be recruited from the holders of any degree from the University of North Carolina awarded in course, former students who pursued courses leading to regular degrees, students of any summer law school prior to 1926, and special students during regular sessions. In addition honorary membership may be accorded non-alumni from the following groups: Honorary degree holders, trustees and ex-trustees, members and ex-members of the University faculty, officers of the University, and such others as may be elected at any regular General Assembly of the Association.

The active membership of the Association is identical with the membership of the local associations holding charters from the General Association, and such others, beyond the reach of any organized chapter, as are willing to identify themselves with the work of the Association. In previous years every alumnus of the University has been assumed to be a member of the Association. Today membership in the Association is regarded rather as a matter of willingness on the part of individual alumni to assume a part of the financial and other responsibility incident to carrying out the general purposes of the organization.

The affairs of the Association are controlled by its annual General Assembly, meeting in the fall, to which the local associations and the classes with permanent organizations are entitled to send delegates. Under the present arrangement there is a total of about 180 votes cast in the General Assembly, but each class or local association may send as many delegates to the Assembly as it chooses. In addition to legislating for the General Association, the annual Assembly is a forum for a free and full discussion of all matters germane to the purposes of the organization. There is a Board of Directors, composed of twenty-two members, which serves as the executive body for the Association. This meets as conditions require. Twelve of its members represent the local associations, divided into twelve districts constituted according to alumni population and geographical proximity. Three represent the Alumni Class Secretaries Bureau. Six of the Directors are elected from the Association at large by the General Assembly. The most recent living ex-president is a member of the Board of Directors, *ex officio*.

The Association maintains an executive office in Chapel Hill, designated the Central Alumni Office, and edits monthly from October to July the *Alumni Review*. It also has three representatives on the University Athletic Council.

Further information regarding the General Alumni Association, officers, committeemen, and its full constitution and by-laws may be had upon application to its Executive Secretary, Drawer 832, Chapel Hill. The executive office is located in suite 208 in the South Building.

PART THREE

COURSES OF INSTRUCTION—UNDERGRADUATE AND GRADUATE

In this section are listed and described all courses offered in the regular sessions of the University except those in the professional schools of Law, Medicine, and Pharmacy. For courses in these schools see PART FIVE.

NOTES ON THE METHOD OF NUMBERING AND COUNTING COURSES

A *course* meets five or six times a week; a *half-course* meets three times a week. Two hours of laboratory or field work count as one meeting. All work is credited toward degrees either as whole or as half courses in accordance with the principles stated above.

In the event that required freshmen subjects are taken after a student begins his seventh quarter or required sophomore subjects after he begins his tenth quarter, such subjects carry half credit only. This rule applies to the class registered as freshmen in the year 1925-1926 and to all later registrants.

Courses with a double number are completed in two quarters, and in general credit will not be given until both quarters have been completed; for example, Economics 31-32. Certain of these courses meet only three times a week and together count as one course. Courses which meet five or six times a week for two quarters carry a credit of two courses.

Courses with three numbers require three quarters to complete, and in general credit will not be given for the work of one or two quarters only. Those meeting five times a week carry a credit of three courses. Those meeting only three times a week carry a credit of one and a half courses.

Courses numbered from 1 to 10 are for freshmen only, from 11 to 20 are ordinarily for freshmen and sophomores, from 21 to 40 for sophomores, from 41 to 50 for sophomores (but open to juniors or seniors), from 51 to 100 for juniors and seniors, from 101 to 200 for advanced undergraduates and graduates, from 201 to 400 for graduates only. Courses numbered 301 to 400 are research courses. Undergraduates may not take courses numbered above 200 except by special permission of the instructor in the course and the head of the department. Courses numbered from 1 to 100 carry no credit towards any advanced degree.

In this issue of the catalogue in the listing of courses under the several departments we are giving the new numbers followed in

parentheses by the old numbers. In case of courses not listed last year no old numbers are shown and similarly in case the number is the same as it has been.

DEPARTMENT OF BOTANY

Professors COKER, TOTTEN; Associate Professor COUCH; Teaching Fellow MATHEWS; Assistants HOLLAND, SMITH, and HENRY.

Courses for Undergraduates

1. GENERAL BOTANY. Freshman elective.
An introduction to the structure and classification of plants. Lectures with laboratory and field work. *Four lecture and four laboratory or field trip hours a week, fall or spring quarter. Laboratory fee, $4.00.* Professors Coker, Totten, Couch, Messrs. Mathews, Smith, Misses Holland, Henry.
(Botany s1, offered in the Summer Session, is open to Freshmen, Sophomores, Juniors, and Seniors.)

11 (10). GENERAL BOTANY FOR PHARMACY STUDENTS. Freshman requirement in the School of Pharmacy.
A course designed for pharmacy students and is not open to those credited with Botany 1 or s1 or 41. *Five lecture and four laboratory or field trip hours a week, fall quarter. Laboratory fee, $4.00.* Professor Totten, Mr. Smith.

12 (11). PHARMACEUTICAL BOTANY AND PHARMACOGNOSY. Freshman requirement in the School of Pharmacy. Prerequisite Botany 11, 1 or s1.
A study of drug plants; the structure of their parts and contents; the localization and identification of crystals, starches, mucilages, gums, oils, resins, glucosides, alkaloids, etc.; macroscopical and microscopical study and identification of crude and powdered drugs and their adulterants. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $4.00.* Professor Totten, Mr. Smith.

41 (1). GENERAL BOTANY. Sophomore, Junior, and Senior elective.
This course is designed for more advanced students than is Botany 1 and is not open to those credited with Botany 1. *Four lecture and four laboratory or field trip hours a week, fall or spring quarter. Laboratory fee, $4.00.* Professors Coker, Totten, Couch, Messrs Mathews, Smith, Misses Holland, Henry.

43 (2). STRUCTURE AND CLASSIFICATION OF SEED PLANTS. Sophomore, Junior, and Senior elective. Prerequisite, General Botany.
A continuation of general botany, with more advanced work in the structure and classification of seed plants. Special attention is given to the study of the local flora, and of the introduced ornamental plants found in the Arboretum, with some work in the propagation of cultivated plants. *Three lecture and six laboratory or field trip hours a week, spring quarter. Laboratory fee, $4.00.* Professor Totten.
(This course is given in the Summer Session as s43 by Professors Totten, Couch, and Mr. Mathews.)

44 (2a). SUMMER FIELD COURSE IN BOTANY. Sophomore, Junior, and Senior elective. Prerequisite, one college course in botany or biology.
A study and identification of seed plants and the effects of various climatic conditions, soils, and barriers upon plant species and plant evolution. *Daily lectures and field work* in an eight weeks' transcontinental study tour conducted by the University Extension Division. Credit, one course. Professor Totten.

Courses for Graduates and Advanced Undergraduates

103. STRUCTURE AND CLASSIFICATION OF THE ALGAE. Prerequisite, General Botany.

A study of the morphology and classification of the Algae. Lectures, reports, laboratory and field work. The subject may be continued under the same number for more than one quarter as the subject advances, credit being given for each repetition. *Two lecture or report and six laboratory or field work hours a week, spring quarter. Laboratory fee, $4.00.* Professor Couch.

(This course is given in the Summer Session as s103 by Professors Totten and Couch.)

111, 112, 113 (4, 5, 6), s114. STRUCTURE AND DEVELOPMENT OF THE FUNGI. Prerequisite, General Botany.

A study of the morphology of the fungi, with special attention to plant diseases, to the culture and development of the lower fungi, and to the identification of mushrooms. Lectures, reports, laboratory and field work. *Two lecture or report and six laboratory or field trip hours a week, fall, winter, and spring quarters. Laboratory fee, $4.00 a quarter.* Professors Coker, Couch.

122 (21). STRUCTURE, GROWTH, AND CLASSIFICATION OF THE LIVERWORTS. Prerequisite, General Botany.

Two lecture or report and six laboratory or field trip hours a week, winter quarter. Laboratory fee, $4.00. Professors Coker, Couch.

133 (22). STRUCTURE, GROWTH, AND CLASSIFICATION OF THE MOSSES. Prerequisite, General Botany.

Two lecture or report and six laboratory or field trip hours a week, spring quarter. Laboratory fee, $4.00. Professors Coker, Couch.

141 (23). STRUCTURE, GROWTH, AND CLASSIFICATION OF THE FERNS. Prerequisite, General Botany.

Two lecture or report and six laboratory or field trip hours a week, fall quarter. Laboratory fee, $4.00. Professor Coker and Miss Holland.

151, 153, s154. ADVANCED WORK IN THE STRUCTURE AND CLASSIFICATION OF SEED PLANTS. Prerequisite, General Botany and Botany 43 or Botany s43.

For each of these courses the student is required to collect, prepare herbarium specimens, and classify two plants each from twenty families of seed plants, with notes on the families and sketches to show the principal characters of one plant in each of these families. *One conference a week with the instructor, fall, spring, and the second term of the Summer Session. Laboratory fee, $4.00.* Professor Totten.

162 (8). STUDIES IN THE HISTORY OF BOTANY. Prerequisite, two courses in botany.

Readings and reports. This course may continue for more than one year as the subject advances, credit being given for each repetition. *Three hours a week, winter quarter.* Professor Coker.

Courses Primarily for Graduates

*211, 212, 213, s214. ADVANCED WORK IN THE HISTOLOGY, MORPHOLOGY AND PHYSIOLOGY OF THE FUNGI.

The student is required to collect and prepare material for the microscopic study of special problems. Theses. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Laboratory fee, $4.00 a quarter. Fall, winter, and spring quarters and the first term of the Summer Session.* Professors Coker, Couch.

* These two groups of courses represent the old numbers 107, 108, 109.

*251, 252, 253, s254. MORPHOLOGY OF SEED PLANTS.
Advanced work in the embryology and anatomy of seed plants. The student is required to collect and prepare material for the microscopic study of special problems. Theses. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Fall, winter, and spring quarters and the second term of the Summer Session. Laboratory fee, $4.00 a quarter.* Professors Coker, Totten.

301, 302, 303 (110, 111, 112). GRADUATE RESEARCH.
Original work with thesis under the guidance of the instructor. These courses may cover most of the work of the student for several years, credit being given each quarter in accordance with the work done. *Laboratory fee, $4.00 a quarter.* Professor Coker.

DEPARTMENT OF CHEMISTRY

Professors BELL, WHEELER, CAMERON, DOBBINS; Associate Professors EDMISTER, CROCKFORD, WHITE; Assistant Professor BOST; Teaching Fellows LECONTE, SMITH, TURNER; Assistants BYRD, GILREATH, KING, LJUNG, MATTOX, BELCHER, FLEMING, HARRILL, HUGHES, SANDERS; Ledoux Fellow RUBLE

Courses for Undergraduates

1-2. GENERAL DESCRIPTIVE CHEMISTRY.
An introduction to the study of the principal non-metallic and metallic elements and their compounds. Lectures with laboratory work. *Four lecture and four laboratory hours a week, each course every quarter. Laboratory fee, $5.50 a quarter.* Professors Bell, Cameron, Edmister, Crockford, Messrs. Belcher, Byrd, Fleming, Harrill, King, LeConte, Turner.

6. GENERAL CHEMISTRY.
Continuation of Chemistry 1-2 for S.B. Chemistry students only, with readings from selected German texts. *Five hours a week, spring quarter.* Professor Edmister.

31. QUALITATIVE ANALYSIS. Prerequisite, Chemistry 1-2.
Laboratory work and lectures. *Three lecture and six laboratory hours a week, fall or spring quarter. Laboratory fee, $10.00.* Professor Dobbins, Messrs. Ljung, Gilreath, Sanders, Smith, Byrd.

41. ELEMENTARY QUANTITATIVE ANALYSIS. Prerequisite, Chemistry, 31.
Gravimetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professor Dobbins, Messrs. Ljung, Gilreath, Sanders, Smith, Byrd.

42. ELEMENTARY QUANTITATIVE ANALYSIS. Prerequisite, Chemistry 31.
Volumetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professor Dobbins, Messrs. Ljung, Gilreath.

43 (32). CHEMICAL EQUATIONS. Prerequisite, Chemistry 41, 42.
A detailed study of the reactions of the elements and their compounds. Lectures and text-books. *Five hours a week, spring quarter.* Professor Dobbins.

* These two groups of courses represent the old numbers 107, 108, 109.

51 (7). INORGANIC CHEMISTRY. Prerequisite, Chemistry 1-2.
A detailed study of inorganic chemistry. Required of S.B Chemistry students. Elective for students in A.B., A.B. in Education, or S.B. Chemical Engineering courses. *Five lectures a week, fall quarter.* Professor Cameron.

61 ORGANIC CHEMISTRY. Aliphatic Series. Prerequisite, Chemistry 31.
Three lecture and six laboratory hours a week, fall or winter quarter. Laboratory fee, $10.00 a quarter. Professors Wheeler, Bost, Messrs. Mattox, King.

62. ORGANIC CHEMISTRY. Aromatic Series. Prerequisite, Chemistry 61.
Three lecture and six laboratory hours a week, winter or spring quarter. Laboratory fee, $10.00 a quarter. Professors Wheeler, Bost, Mr. Mattox.

66. ORGANIC CHEMISTRY. Prerequisite, Chemistry 61, 62.
Selected reading in Organic Chemistry from German texts. For S.B. Chemistry students only. *Five hours a week, spring quarter.* Professor Wheeler.

71 (13). CHEMISTRY OF FOODS. Prerequisite, Chemistry 61.
Digestion processes, and the composition, preservation, adulteration, and industrial production of foods. *Five hours a week, spring quarter.* Professor Bost.

81, 82. ELEMENTARY PHYSICAL CHEMISTRY. Prerequisite, Chemistry 42.
Study of the properties of solids, liquids, and gases, and of their relation to chemical constitution. *Three lecture and six laboratory hours a week, winter and spring quarters. Laboratory fee, $7.00 a quarter.* Professors Bell, Crockford, Mr. Ruble.

86. PHYSICAL CHEMISTRY. Prerequisite, Chemistry 81.
Selected reading in Physical Chemistry from French texts. For S.B. Chemistry students only. *Five hours a week, spring quarter.* Professor Bell.

91 (45). TECHNICAL QUANTITATIVE ANALYSIS. Prerequisite, Chemistry 41, 42.
Water, coal, petroleum products, gas, iron, and steel. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professor White, Mr. Hughes.

92 (46). TECHNICAL QUANTITATIVE ANALYSIS. Prerequisite, Chemistry 41, 42.
Ore assay, fertilizer, cotton products, and food analysis. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professor Crockford.

93 (47) OPTICAL METHODS OF ANALYSIS. Prerequisite, Chemistry 41.
Microscopic and Microchemical Methods. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Not offered in 1931.

121-122-123 (21-22-23). RESEARCH. Prerequisite, Chemistry 61, 62, 81, 82.
Twelve laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter. Professors Bell, Wheeler, Cameron, Dobbins, Edmister, Crockford, White, Bost.

Courses for Graduates and Advanced Undergraduates

101 (18). HISTORY OF CHEMISTRY. Prerequisite, Chemistry 61, 62, 81, 82.
History of Chemistry, with discussion of the development of chemical theories. *Three hours a week, spring quarter.* Professor Cameron.

163 (63). IDENTIFICATION OF PURE ORGANIC COMPOUNDS. Prerequisite, Chemistry 61, 62.
Lectures and laboratory. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professor Bost.

164 (64). CHEMISTRY OF DYESTUFFS. Prerequisite, Chemistry 61, 62.
Lectures and laboratory. (Given in 1931-1932 and in alternate years.) *Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professors Wheeler, Bost.

165 (65). ADVANCED TOPICS IN ORGANIC CHEMISTRY. Prerequisite, Chemistry 61, 62.
Lectures and laboratory. (Given in 1930-1931 and in alternate years.) *Three lectures and four laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Professors Wheeler, Bost.

167, 168 (67, 68). ADVANCED ORGANIC PREPARATIONS. Prerequisite, Chemistry 61, 62.
Laboratory course. *Six laboratory hours a week, any two quarters. Laboratory fee, $10.00 a quarter.* Professors Wheeler, Bost.

169. QUANTITATIVE ORGANIC ANALYSIS. Prerequisite, Chemistry 163.
Quantitative determination of carbon, hydrogen, nitrogen, halogens, sulphur and a few other elements by well established methods. *Six laboratory hours a week, winter or spring quarter. Laboratory fee, $7.00.* Professors Wheeler, Bost.

183 (83). ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 81, 82.
Lectures and text-books. *Five hours a week, fall quarter.* Professor Crockford.

184 (84). ELECTROCHEMISTRY. Prerequisite, Chemistry 81, 82.
Lectures and text-books. *Five hours a week, winter quarter.* Professor Crockford.

185 (85). ELECTROCHEMISTRY. Prerequisite, Chemistry 184.
Laboratory course in Electrochemistry to follow the lecture course, Chemistry 184. *Six laboratory hours a week, spring quarter. Laboratory fee, $7.00.* Professor Crockford.

191, 192 (11, 12). CHEMICAL TECHNOLOGY. Prerequisite, Chemistry 61, 62, 91, 92.
The methods and economics of the chemical industries; lectures and laboratory work. *Three lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, $10.00 a quarter.* Professor Cameron, Mr. Hughes.

Courses in Chemical Engineering

91 (2). INTRODUCTORY CHEMICAL ENGINEERING.
A survey course covering materials used in the construction of chemical equipment, search of literature, elementary calculations, etc. In the laboratory the students assist the seniors in carrying out studies of the unit operations. *Three lecture and six laboratory hours a week, spring quarter.* Professor White.

94 (1). METALLURGY AND METALLOGRAPHY. Corequisite, Chemistry 91.
A study of the microscopic structure of ferrous and non-ferrous alloys and the effects of composition, heat treatment, and mechanical work upon these structures and the physical properties of these ferrous alloys. A portion of the course is devoted to laboratory study. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $7.00.* Professor White.

191 (6). CHEMICAL ENGINEERING LABORATORY. Prerequisite, Chemical Engineering 194, 195, 196.
Efficiency studies on chemical equipment, plant erection studies, and unit process work in the laboratory. *Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Professor White.

194, 195, 196 (3abc). PRINCIPLES OF CHEMICAL ENGINEERING. Prerequisite, Ch. E. 91.
A study of the unit operations of chemical engineering, covering fluid flow, heat flow, filtration, evaporation, distillation, etc. *Three hours a week, fall, winter, and spring quarters.* Professor White.

197 (7). CHEMICAL ENGINEERING CALCULATIONS.
A study of material and heat balances in industrial processes. *Five hours a week, fall quarter.* Professor White.

Courses Primarily for Graduates

241, 242, 243 (142abc). ADVANCED ANALYTICAL CHEMISTRY. Prerequisite, Chemistry 91, 92.
Seminar course: Readings and discussions of recent advances in analytical chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Dobbins.

251, 252, 253 (122abc). ADVANCED INORGANIC CHEMISTRY. Prerequisite, Chemistry 43.
Seminar course: readings, reports, and discussions of recent advances in inorganic chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Edmister.

261, 262, 263 (162abc). ADVANCED ORGANIC CHEMISTRY. Prerequisite, Chemistry 163, 164.
Seminar course: readings and discussions of special chapters in organic chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professors Wheeler, Bost.

281, 282, 283 (182abc). ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 183, 184.
Seminar course: readings and discussions of recent advances in thermodynamics. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Bell.

284, 285, 286 (183abc). ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 183, 184.
Seminar course: readings and discussions of recent advances in electrochemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Crockford.

287, 288, 289 (184abc). ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 183, 184.
Seminar course: readings and discussions of recent advances in heterogeneous equilibria, phase rule, film and colloid phenomena. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Cameron.

291, 292, 293 (112abc). ADVANCED TECHNICAL CHEMISTRY. Prerequisite Chemistry 191, 192.
Seminar course: readings and discussions of recent advances in technical chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor White.

341, 342, 343 (141abc). RESEARCH IN ANALYTICAL CHEMISTRY. This course is intended for applicants for advanced degrees. Laboratory work with frequent conferences with the professor and reference to the literature relating to the subject of research. The subject of research must be assigned or approved by the professor. This course extends throughout the year. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Dobbins.

351, 352, 353 (121abc). RESEARCH IN INORGANIC CHEMISTRY. The statements made in regard to courses 341, 342, 343 apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Edmister.

361, 362, 363 (161abc). RESEARCH IN ORGANIC CHEMISTRY. The statements made in regard to courses 341, 342, 343 apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professors Wheeler, Bost.

381, 382, 383 (181abc). RESEARCH IN PHYSICAL CHEMISTRY. The statements made in regard to courses 341, 342, 343 apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professors Bell, Cameron, Crockford.

391, 392, 393 (111abc). RESEARCH IN INDUSTRIAL CHEMISTRY. The statements made in regard to courses 341, 342, 343 apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $10.00 a quarter.* Professor White.

DEPARTMENT OF CLASSICAL LANGUAGES AND LITERATURES

Professors HOWE, BERNARD, HARRER, HARLAND; Associate Professor SANDERS; Instructor ELLIOTT; Teaching Fellow CHEEK

GREEK

Courses for Undergraduates

1-2. GREEK FOR BEGINNERS. A double course for students who have had no opportunity to study Greek. This double course may be counted for credit toward the A.B. degree provided it is followed by Greek 11, 12, 21. It may be counted for credit as an elective by students who have selected for their language requirement two other foreign languages. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Bernard, Mr. Elliott.

11 (4). INTERMEDIATE GREEK: GREEK PROSE. Freshman and Sophomore elective. Prerequisite, Greek 1-2. A course continuing the purpose of Greek 1-2, to increase the student's proficiency in reading the language while at the same time leading him into the best literature. *Five hours a week, fall quarter.* Professors Bernard, Harland.

12 (3). INTERMEDIATE GREEK: HOMER. Freshman and Sophomore elective. Prerequisite, Greek 11 or the equivalent. Homer's Iliad, selections. *Five hours a week, winter quarter.* Professors Bernard, Harland.

21 (5). PLATO. Prerequisite, Greek 11-12. Apology and Crito with selections from the other Socratic dialogues. The course is designed for a more critical study of Greek prose and the thought

movements which culminated in the Socratic teaching. *Five hours a week, spring quarter.* Professor Bernard.

53 (6). INTRODUCTION TO GREEK DRAMA. Prerequisite, Greek 11-12.

Three tragedies and one comedy will be studied. This course may be substituted, with the approval of the Professor of Greek, for the fifth course of the foreign language requirements. *Five hours a week, one quarter, on application.* Professor Bernard or Professor Harland.

58 (7). THE GREEK NEW TESTAMENT. Prerequisite, Greek 11-12.

St. Mark's Gospel, with selections from other parts of the New Testament. This course is designed for students who wish a more intimate knowledge of the Bible in its original language and especially for divinity and Y. M. C. A. students. With the approval of the Professor of Greek it may be substituted for the fifth course of the foreign language requirement. *Five hours a week, one quarter, on application.* Professor Bernard.

71 (30). GREEK HISTORY. Prerequisite, Greek 11, 12, 21 or the equivalent.

Selections from the Greek Historians, chiefly Herodotus, will be read and reports will be made on related topics in Greek History. *Five hours a week, fall quarter, on application.* Professor Harland.

81. THE GREEK ORATORS.

Select orations from Lysias and Demosthenes. (Not offered in 1930-31.) *Five hours a week, winter quarter.* Professor Bernard or Professor Harland.

Courses for Graduates and Advanced Undergraduates

112 (8). HOMER: ADVANCED COURSE. Prerequisite, Greek 12.

Rapid reading of the entire Odyssey with Homeric Study. *Five hours a week, one quarter, on application.* Professor Harland or Professor Bernard.

153-154 (21-22). GREEK DRAMA: ADVANCED COURSE. Prerequisite, Greek 53.

An extended reading and study of the Greek drama, with lectures on the origin, history, and structure of the drama. *Five hours a week, two quarters, on application.* Professor Bernard.

158 (43). THE GREEK NEW TESTAMENT. Prerequisite, Greek 58.

The Acts of the Apostles: study of grammar and diction and comparison with English version; the Gospels, with selections from the Epistles; the principles of textual criticism, sources and history of the Greek text and the versions. *Five hours a week, one quarter, on application.* Professor Bernard.

171 (31). GREEK HISTORY. Prerequisite, Greek 71.

Selections from Thucydides will be read and the history of Athens and Sparta will be reviewed with a view to explaining the underlying causes of the Peloponnesian War. *Five hours a week, winter quarter, on application.* Professor Harland.

Courses Primarily for Graduates

201-202-203. SYNTAX OF THE GREEK LANGUAGE FROM HOMER TO THE NEW TESTAMENT.

Facility in reading the literature in the Greek dialects, Ionic, Attic the *Koivή*, and German is requisite. *Five hours a week, one quarter, on application.* Professor Bernard.

301-302-303 (101abc). GREEK SEMINAR.

This course is devoted to the study in detail of particular authors or periods in Greek literature, the subject matter varying from year to year. It calls for

wide reading in the Greek authors selected and in the critical literature concerning them, with oral and written reports. Lectures and conferences. Professors Bernard, Harland, Sanders.

(For additional courses see under Courses Requiring no Knowledge of the Greek or the Latin Languages, pages 113, 114, and under General and Comparative Literature, pages 139-141. Attention is called also to courses in Comparative Philology offered by the Department of German. See page 146.)

LATIN

Courses for Undergraduates

1. SELECTIONS FROM CICERO'S ORATIONS. Freshman elective.

Review of grammatical principles, vocabulary, prepared and sight translation. This course is designed for those students who present two units only in Latin for entrance, and will count for credit provided it is followed by courses 2 and 3. *Five hours a week, every quarter.* Professor Sanders (Chairman).

2. SELECTIONS FROM VERGIL'S ÆNEID. Freshman elective. Prerequisite, Latin 1 or the equivalent.

A continuation of Latin 1: translation, hexameter, content of the Æneid, epic form. Students who present three units only in Latin for entrance begin with this course, and may count it for credit provided it is followed by Latin 11. *Five hours a week, every quarter.* Professor Howe (Chairman).

11 (3). LATIN POETRY. Freshman and Sophomore elective. Prerequisite, Latin 1-2 or the equivalent.

This course comprises the reading of selections from the leading poets of the Classical Period. Emphasis is put on content and literary form. Students who present 4 units of Latin for entrance begin with this course and may count it for credit provided it is followed by Latin 12. *Five hours a week, every quarter.* Professor Harrer (Chairman).

12 (4). PROSE OF THE EMPIRE. Freshman and Sophomore elective. Prerequisite, Latin 1, 2, 11 or the equivalent.

The course is concerned with the translating of selections from the works of Livy and Pliny; but emphasis is placed on the literary values also of the works read, and on the political and social conditions of the periods. *Five hours a week, every quarter.* Professor Harrer (Chairman).

22 (5). ROMAN LAW. Prerequisite, Latin 1, 2, 11. The course is a Sophomore option of A.B.-LL.B. students, and is open to other students who have satisfied the prerequisite.

The course deals with the general principles and the historical development of Roman law. The work consists of the translation of selected passages in the legal literature, readings, and lectures. *Five hours a week, winter quarter.* Professor Harrer.

51 (6). ROMAN SATIRE. Sophomore, Junior, and Senior elective. Prerequisite, Latin 1, 2, 11.

Readings from Horace, Petronius, Persius, Juvenal; occasional lectures. This course alternates with course 52. (Not offered in 1931-1932.) *Five hours a week, fall quarter.* Professor Sanders.

52 (7). CICERO'S LETTERS. Sophomore, Junior, and Senior elective. Prerequisite, Latin 1, 2, 11.

The reading of selected letters and discussions of the history and politics of the time. This course alternates with course 51. *Five hours a week, fall quarter.* Professor Sanders.

71 (11). COURSE FOR TEACHERS. Prerequisite, Latin 1, 2, 11.
The course is concerned with pronunciation, forms, syntax, prosody, the art of translating, methods of instruction. *Five hours a week, fall quarter.* Professor Howe.

Courses for Graduates and Advanced Undergraduates

101 (12). ROMAN HISTORICAL LITERATURE. Prerequisite, Latin 1, 2, 11.
A study of the structure, purposes, and methods of the most significant works. Translation and reading in English from the literature, reports, lectures. The course alternates with course 102. (Not offered in 1931-1932.) *Five hours a week, fall quarter.* Professor Harrer.

102 (13). ROMAN DRAMATIC LITERATURE. Prerequisite, Latin 1, 2, 11.
A study of the development of Latin comedy and tragedy. Reading of selected plays. The course alternates with course 101. *Five hours a week, fall quarter.* Professor Harrer.

103 (19). PROSE WRITINGS OF THE REPUBLIC. Prerequisite, Latin 1, 2, 11.
An account of the development of prose literature from Cato to Cicero, with special studies of certain types and readings from the chief works. *Five hours a week, winter quarter.* Professor Sanders.

104 (20). CICERO: POLITICAL CAREER AND WORKS. Prerequisite, Latin 1, 2, 11.
A study of Cicero, as statesman and advocate. Selected letters, as well as a number of orations, will be read. *Five hours a week, spring quarter.* Professor Harrer.

110 (30). MEDIÆVAL LATIN. Prerequisite, Latin 1, 2, 11 or the equivalent.
The course is principally concerned with translating from the Latin works of leading authors of the Middle Ages, and with some study of the chief differences between Classical and Mediæval Latin. *Five hours a week, winter quarter.* Professor Harrer.

Courses Primarily for Graduates

201 (100). PROBLEMS OF RESEARCH.
The purpose of this course is to acquaint the student with the general field of classical studies and with the opportunities and methods of research. Typical problems will be reviewed, the nature and value of evidence discussed, and papers on assigned topics prepared. *Five hours a week, fall quarter.* Professor Howe or Professor Harrer.

202 (104). LATIN EPIGRAPHY.
The aim of the course is to acquire facility in the deciphering and translating of inscriptions, and to study in detail a selection of significant inscriptions and their values in the field of Roman studies. *Five hours a week, fall quarter.* Professor Harrer.

203 (105). LATIN PALEOGRAPHY.
The aim of the course is a study of the more important scripts, practice in decipherment, and the methods of textual criticism. *Five hours a week, one quarter, on application.* Professor Harrer.

301-302-303 (101-102-103). LATIN SEMINAR.
The course in each quarter is devoted to the study in detail of a particular author or period in Roman literature, the choice of subject being determined,

as far as possible, by the needs of the group. Typical subjects of recent years have been: Catullus, Lucretius, Cicero, Virgil, Horace, The Elegists, Tacitus, Post-Augustan Prose, Post-Augustan Poetry, etc. *Five hours a week, fall, winter, and spring quarters.* Professors Howe and Harrer.

310. THESIS COURSE.
This course is conducted by conferences as arranged with individual students. *Every quarter.* Professors Howe and Harrer.
(For additional courses see below under Courses Requiring no Knowledge of the Greek or the Latin Language and Courses in General and Comparative Literature, pages 139-141. Attention is called also to courses in Comparative Philology offered by the Department of German. See page 146.)

Courses Requiring no Knowledge of the Greek or the Latin Language

The following courses in classical literature and civilization are especially designed to supply the necessary foundation for those who, without a reading knowledge of the ancient languages, wish a broader culture, or plan to specialize in modern literature, history, art, etc. When properly approved, they will be allowed to count as part of the major requirement in other departments. They may be taken also to satisfy the requirement of a minor in literature. (See also under General and Comparative Literature, pages 139-141.)

61 (14). GREEK LITERATURE. Junior and Senior elective. Open to Sophomores by permission.
A study of the masterpieces of Greek literature in English translation, with special reference to the contribution of Greece to modern thought. *Five hours a week, fall quarter.* Professor Bernard.

62 (15). LATIN LITERATURE. Junior and Senior elective. Open to Sophomores by permission.
A study of the masterpieces of Latin literature in English translation, with special reference to the contribution of Roman civilization to modern thought. *Five hours a week, winter quarter.* Professor Howe.

71 (17). GREEK LIFE. Junior and Senior elective.
The course will be practically a survey of Hellenic civilization. The house, dress, education, social life, mythology, religion, theatre, games, etc., will be studied, especial attention being given to life in Athens in the Fifth Century B.C. Illustrated lectures, discussions, and required readings. *Five hours a week, on application.* Professor Harland.

76 (18). ROMAN CIVILIZATION. Junior and Senior elective.
The course deals with the public institutions, the political and social conditions, and the private life of the Romans, their buildings, living conditions, amusements, manners and customs, and religion. *Five hours a week, spring quarter.* Professor Harrer.

91, 92 (25, 26). GENERAL ARCHÆOLOGY.
An introductory course in which the art and architecture of Egypt, Mesopotamia, Greece, and Rome will be studied. Illustrated lectures on the monuments will be supplemented by lectures on the history and civilization of the various peoples. Discussions and required reading. *Five hours a week, fall and winter quarters.* Professor Harland.

93 (27). GREEK ARCHÆOLOGY.
This course will deal with the architecture, sculpture, painting, and vases of Greece. The historical development of the art of Greece will be studied, and

Greek art will be presented as one phase of the civilization of the ancient Hellenes. *Five hours a week, spring quarter.* Professor Harland.

111 (51). THE LATIN EPIC.
The history of the Latin Epic; detailed study of the *Æneid. Five hours a week, spring quarter.* Professor Howe.

112. THE POETRY OF OVID.
The reading in English of the complete works of Ovid; special critical studies in the *Metamorphoses.* The influence of Ovid on later writers. *Five hours a week, fall quarter.* Professor Howe.

113. THE GREEK EPIC.
Epic as a literary form; the Iliad and Odyssey; origins, the Mycenaean civilization, literary characteristics, comparison of the chief English translations, comparison with Norse, Latin, Italian, and English epic. *Five hours a week, winter quarter.* Professor Bernard.

155 (36). GREEK DRAMATIC LITERATURE.
A course designed to embrace the origin, development, technique, and content of Greek drama, with emphasis on tragedy. An interpretation of Greek life and thought as contributing to world progress. *Five hours a week, winter quarter.* Professor Bernard.

197 (16). GREEK AND ROMAN ART.
A course which aims to set forth the universal æsthetic principles as illustrated in the masterpieces of Greek and Roman art, with discussions of the æsthetic theories of the classical writers. *Five hours a week, one quarter, on application.* Professor Bernard.

DEPARTMENT OF ECONOMICS AND COMMERCE

Professors CARROLL, MURCHISON, PEACOCK, ZIMMERMAN, HOBBS, WOOSLEY; Visiting Professor MILLS; Associate Professors TAYLOR, SCHWENNING, LEAR, SPRUILL, HEER, HEATH, WOLF; Assistant Professors FERGER, EVANS, SHERRILL; Instructor WINSLOW; Teaching Fellows, MARTIN, BRAINARD; Assistants CURTIS, SLATER, SHERRILL, SAYRE, SMITH

ECONOMICS

Courses for Undergraduates

11 (A). RESOURCES AND INDUSTRIES. Prerequisite (in case of Commerce students), Geology 5.
This course occupies a middle ground between geography and economics. Important data of human economic geography are appraised as to their meaning to the economist. The emphasis in resource analysis, therefore, is on the supply and demand conditions which have a measurable effect on price behavior. The close relationship between geographical facts and institutional developments is taken into consideration. The approach is functional rather than descriptive. Attention is focused on wide vistas and deep perspectives rather than on details of technology. In general, an effort is made to place the discussion on a broad basis of human values and world relationships. *Four lecture and two laboratory hours a week, every quarter. Laboratory fee, $3.50.* Professor Zimmerman.

31-32 (1-2). GENERAL ECONOMICS. Not open to Freshmen.
This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it. An analysis

is made of production, distribution, and consumption; of the elements which determine value and price, with a brief introduction to money, banking and credit, monopoly, business combinations, transportation, labor problems, and economic reform. *Five hours a week, fall and winter or winter and spring quarters.* Professors Carroll, Woosley, Spruill, Lear, Wolf, Ferger, Evans, Mr. Winslow.

35 (5). ECONOMIC HISTORY. Not open to Freshmen.
A survey of the steps by which economic activities have evolved from primitive beginnings into the complicated capitalistic economy of today. Special emphasis on the development of the wage system, the Industrial Revolution, the expansion of markets, the ebb and flow of industrial activities, the relation of industrial development to political policy, as they have manifested themselves in England and in the United States. *Five hours a week, fall, winter, or spring quarter.* Professor Spruill.

71 (7). ECONOMIC STATISTICS.
This course is designed to give a critical understanding of the more important processes of elementary statistical technique used by economists and business men, and found in current discussions of economic matters. Among the topics included are graphic presentation, averages, index numbers, the cyclical analysis of time series, and simple correlation. The laboratory work is designed to give practice in the use of the processes studied, together with an interpretation of the results found. *Three lecture and four laboratory hours a week, every quarter. Laboratory fee, $2.00.* Professor Ferger.

81-82 (10-11). PRINCIPLES OF MONEY AND BANKING. Prerequisite, Economics 31-32.
A general study of the principles, functions, and forms of money and credit, followed by analyses of current money and credit problems. The second half of the course is devoted to a study of the theory of commercial banking with particular respect to its application and development in the United States. *Five hours a week, fall and winter or winter and spring quarters.* Professors Murchison, Woosley.

Courses for Graduates and Advanced Undergraduates

111 (47). ADVANCED COMMODITY ECONOMICS. Prerequisite, Economics 11, 31-32.
In this course the demand and supply conditions of a few commodities selected to represent types are studied. The institutional factors affecting these conditions are critically examined with particular reference to price behavior. (Alternates with Commerce 145 and will be given in 1932-1933.) *Five hours a week, spring quarter.* Professor Zimmerman.

121 (20). RISK AND RISK-BEARING. Prerequisite, Economics 31-32.
A study of the risk element in modern industry together with the measures which have been devised to meet it. This course should precede the study of insurance. *Five hours a week, fall quarter.* Professor Lear.

124 (24). PRINCIPLES OF MARKETING. Prerequisite, Economics 31-32.
This course sets forth the principles underlying general marketing practice. The assignments relate to marketing facilities and services (such as transportation, warehousing, grading, financing, assembling, and distributing), marketing agencies and organizations, organized exchanges and future trading, and certain problems of competition and price policy. *Five hours a week, winter quarter.* Professor Taylor.

141 (13). PUBLIC FINANCE. Prerequisite, Economics 31-32.
A general study of government business covering the principles involved in public revenues and expenditures—local, state, and national; a treatment of the just distribution of public charges and their incidence; and a study of the growth and organization of modern tax systems. *Five hours a week, fall quarter.* Professor Heer.

142 (14). PROBLEMS IN PUBLIC FINANCE. Prerequisite, Economics 141.
An advanced critical study of certain present problems in government finance. *Five hours a week, winter quarter.* Professor Heer.

144 (54). THEORIES AND FORMS OF BUSINESS ENTERPRISE. Prerequisite, Economics 31-32.
This course deals primarily with the combination movement. But it will treat this problem in its widest aspects: the historical background and the evolution of modern business forms, the theory of business enterprise, the structures and functions of organization, the relation of these questions to social welfare. Pools, trade associations, mergers, trusts, bankers' control, price control, are some of the principal questions which will be considered. *Five hours a week, winter quarter.* Professor Heath.

151 (15). TRANSPORTATION. Prerequisite, Economics 31-32.
A general study, from the historical and critical points of view, of railway transportation in such representative countries as Great Britain, France, Italy, Germany, and the United States; with some consideration of passenger and freight traffic and rates, and the State's relation to railways. *Five hours a week, fall quarter.* Professor Heath.

161 (26). INTERNATIONAL TRADE: THEORY AND POLICIES. Prerequisite, Economics 31-32.
In this course international trade is viewed from the standpoint of the political economist, emphasizing the social aspects. After an historical study of the past and a critical analysis of the present foreign commerce of the United States and principal commercial rivals, an effort is made to apply to a survey of our foreign markets and of our foreign sources of supply the general principles of economic theory insofar as they pertain to international trade. Following this the payment balances of this country and of other leading countries engaged in world commerce are critically studied. Finally, the most important theories of international trade are reviewed in the light of historical development. *Five hours a week, fall quarter.* Professor Zimmerman.

165 (27). COMMERCIAL POLICY OF MODERN NATIONS. Prerequisite, Economics 161.
After a general survey of international commercial policy up to the close of the Napoleonic Wars, a more detailed comparative study of the commercial policy of the leading nations during the last hundred years is made. The following countries are included: United States, Great Britain, France, Germany, Russia, Italy, Canada, Argentina, and India. Special attention is given to tariff problems, colonial policies, and to imperialism. The present world resources situation and its probable effect on future commercial policy is appraised. (Alternates with Commerce 169; will be given 1931-1932.) *Five hours a week, winter quarter.* Professor Zimmerman.

171. ADVANCED ECONOMIC STATISTICS. Prerequisite, Econ. 71 or its equivalent.
This course is designed to give the student the ability to use some of the more exact and more technical tools of statistical method than can be considered in the elementary course, such as curvilinear trends for time series, changing seasonal variation, and multiple correlation. Acquaintance with practical work and the

current literature in statistics is sought through required reading and class reports on recent statistical studies. *Three lecture and four laboratory hours a week, spring quarter.* Professor Ferger.

182 (35.) TYPES OF BANKING. Prerequisite, Economics 81-82.
A comparative study of specialized types of banking institutions—their organization, methods, functions, and relationship to the financial organization of society in general. The course will include trust companies, investment banks, commercial paper houses, commercial discount companies, savings banks, and the various classes of agricultural credit banks. (Alternates with Commerce 182 and will be given in 1931-1932.) *Five hours a week, spring quarter.* Professor Murchison.

185 (12). BUSINESS CYCLES. Prerequisite, Economics 31-32 and 81.
A study of the alternating periods of depression and prosperity. The underlying causes of panics and crises. Fluctuations in prices, trade volume, and physical production. *Five hours a week, winter or spring quarter.* Professor Murchison.

191 (30). AN INTRODUCTION TO THE LABOR PROBLEM. Prerequisite, Economics 31-32.
To the extent that the competitive wage system fails (a) to provide for the laborer an adequate basis for a decent living and (b) to draw from him the services he ought to render to industry, there appears to be a "labor problem." The purpose of this course is to make an analytic survey of the modern labor problem in its major aspects, such as unemployment, low wages, industrial accidents and diseases, overstrain and superannuation, and the status of the worker in industrial society. Trade unionism and the labor movement and intervention by the State in behalf of the worker, and social methods of coping with the problems of labor are also surveyed. *Five hours a week, fall or winter quarter.* Professor Wolf.

192 (31). LABOR AND SOCIAL CONTROL. Prerequisite, Economics 191.
An advanced course in social methods of coping with labor problems. These fall roughly into three classes (a) self-help on the part of the workers, which embraces trade unionism, labor political activity, and consumers' cooperation; (b) employers' policies, such as welfare work and paternalism, profit-sharing, and company unionism; and (c) intervention by public authority, as through labor legislation, conciliation and arbitration, and judicial limitation of private property rights. Insofar as possible the various topics will be studied in terms of the Southern labor situation. *Five hours a week, spring quarter.* Professor Wolf.

195 (40). THEORIES OF ECONOMIC REFORM. Prerequisite, Economics 31-32.
A critical analysis of the leading proposals for reform in the present economic system, including Socialism, Bolshevism, Single Tax, and Industrial Democracy *Five hours a week, fall or spring quarter.* Professor Carroll.

197 (62). GOVERNMENT AND BUSINESS. Prerequisite, Economics 31-32, Government 21, 22.
A study of the evolution of governmental policy towards business, with a critical examination of current governmental regulation and supervision of industry and trade. Some attention is given to the services which modern governments undertake to render to the business life of their citizens and the agencies developed for this purpose. *Five hours a week, spring quarter.* Professor Hobbs.

Courses for Graduates

251-252-253 (100abc). ADVANCED ECONOMIC THEORY. Prerequisite, Economics 31-32.

A survey of economic theory from the standpoint of the evolution of modern industrial society. The three courses will not only include a review of the works of the leading economic writers, but will also summarize the principal physical, psychic, and social factors that have shaped economic theory and economic institutions. *Five hours a week, fall, winter, and spring quarters* Professor Heath.

271. ECONOMIC STATISTICS. Introductory Course for Graduate Students. Prerequisite, the completion of an economics major, or the equivalent of our S.B. in Commerce.

This course covers the same material as Economics 71, with the addition of a limited number of additional assignments covering certain phases more carefully and fully. *Three lecture and four laboratory hours a week, every quarter. Laboratory fee, $2.00.* Professor Ferger.

301abc (106abc). SEMINAR IN ECONOMICS. Prerequisites, Economics 31-32, 81-82.

A general introduction to methods of advanced study. Some phase of economic activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive equal emphasis. *Two hours a week, fall, winter, and spring quarters.* Professor Murchison (Chairman).

385 (112). ECONOMIC DYNAMICS.

This course focuses upon the changing nature of the modern economic organization. An effort is made to identify the more important of the dynamic elements, and to evaluate the significance of each in the general process of change. Attention is given to the readjustment processes and problems of particular industries, as well as to general trade, finance, and social well-being. Topics covered would include consumption behavior, income distribution, capital accumulation, money and credit conditions, new developments in marketing, production, transportation. The method of study will be inductive. *Hours arranged, fall winter, and spring quarters.* Professor Murchison.

NOTE. Registration for this course must be approved by the professor in charge.

341 (114). RESEARCH COURSE IN PUBLIC FINANCE.

The changing form and distribution of wealth and income together with the expanding conceptions of governmental services make imperative a constant re-examination of fiscal problems. The scope of operations and the magnitude of revenues and expenditures emphasize the importance of administrative efficiency. Critical studies in this field are carried on under the supervision of the professor in charge. *Fall, winter, and spring quarters.* Professor Heer.

NOTE. Registration for this course must be approved by the professor in charge.

361 (126). INTERNATIONAL ECONOMIC RELATIONS.

An increasing share of the economic life of mankind is being lifted out of the sphere of local and national activities, and is being subjected to world-wide influences. This tendency affects not only those business interests of ours directly engaged in foreign trade, but in general reacts upon our political position as a world-power, and materially influences our domestic and economic life.

The aim of this course is to provide graduate students interested in world economics the opportunity of pursuing advanced research along such lines as these: the movement of world prices; international commodity price control; the world food problem; the population question; advancing industrialization

and future supply of raw materials; problems of international law affecting economic activities; foreign investments; commercial treaties; colonial policy, etc. *Hours arranged, fall, winter, and spring quarters.* Professor Zimmerman.

NOTE. Registration for this course must be approved by the professor in charge.

391 (130). HUMAN RELATIONS IN INDUSTRY.

This course is a seminar in selected topics in labor economics and aims to provide a limited number of graduate students an opportunity of doing critical and constructive work in this field. In view of the fact that there are grave problems connected with the adjustment of the workers to the new industrial and social order that is being developed in the South Atlantic States, a part of the time is usually devoted to this topic. *Fall, winter, or spring quarter, hours arranged.* Professor Wolf.

NOTE. Registration for this course must be approved by the professor in charge.

399(141). SEMINAR.

Individual research in a special field under direction of a member of the department.

COMMERCE

*(Courses in Commerce count for credit toward the degree S.B. in Commerce only.)

Courses for Undergraduates

51 (10). BUSINESS ORGANIZATION. Prerequisite, Economics 31-32.

The forms of business organization with emphasis on the corporation. The external relations of a business organization and the internal coordination of the factors in production with a view to the establishment of effective control and definite responsibility for results. Special attention will be directed to the various functions to be performed, such as production, finance, personnel, marketing, risk-taking, and records and standards. *Five hours a week, fall or spring quarter.* Professor Schwenning.

51E-52E-53E (10-11-12E). BUSINESS ADMINISTRATION FOR STUDENTS IN ENGINEERING. Open to students in the School of Engineering only. Prerequisite, Economics 31-32.

The elements of business organization with emphasis on the corporation, its nature, its promotion, its financing, and its operation. Internal organization with special reference to methods of control, managerial accounting, cost analysis, financing of current operations, valuation and methods of appraisal depreciation, sinking funds, and the interpretation of financial statements. The economics of locating and managing industrial plants, the handling of the labor factor through specialized personnel administration, and the relations existing between consumers and producers. *Three hours a week, fall, winter, and spring quarters.* Professor Schwenning.

61 (20). SALESMANSHIP AND PURCHASING. Prerequisite or corequisite, Economics 31-32.

The course in salesmanship will include a careful analysis of the psychology of selling; the qualifications of a good salesman, and their development; the relative value of suggestion, persuasion, and argument in securing decision; the scientific analysis of a sale—the preapproach, the approach, the demonstration, and the consummation. Typical problems in selling at retail and wholesale and in marketing various types of specialties are presented.

*Commerce 51E-52E-53E are offered for students in the School of Engineering only and are open to no others.

The latter half of the quarter will be devoted to a study of purchasing. The material will be presented in the form of problems which representative business concerns have actually faced. The topics thus treated will include the organization of a Purchasing Department, the duties of a Purchasing Agent, considerations involved in the purchase of raw material, buying from hand to mouth, hedging, turn over, the question of whether or not speculation in raw materials is justifiable, the legal side of contracts, the ethics of purchasing, the problem of cancellations, over-handing, and the relation between the purchasing policy, the turnover, and profits. *Five hours a week, winter quarter. Laboratory fee, $1.00.* Professor Taylor.

71 (1). ACCOUNTING: PRINCIPLES. Prerequisite or corequisite, Economics 31-32, Commerce 51.

Lectures with laboratory work. Study of the theory of debit and credit, record making, organization of accounts, and presentation of financial and profit and loss statements. Laboratory exercises in accounting problems and technique. *Four lecture and four laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Peacock, Sherrill.

72 (2). ACCOUNTING PRINCIPLES. Prerequisite, Commerce 71.

Lectures with laboratory work. An approach to accounting problems from the business manager's point of view. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements. The principles of valuation of assets, depreciation, and bonds are also covered. *Four lecture and four laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Peacock, Sherrill.

91-92 (60-61). BUSINESS LAW: Prerequisite, Economics 31-32.

The aim of the course is to give the student an understanding of the main principles of law which govern in the daily conduct of business. The topics discussed are: contracts, agencies, negotiable instruments, sales, bailments, corporations, partnerships, and bankruptcy. *Five hours a week, fall and winter quarters.* Professor Hobbs.

Courses for Graduates and Advanced Undergraduates

121 (38). INSURANCE: LIFE.

A study of the principles and technique of life insurance, including disability, accident, and group insurance. Some attention will also be given to the investment operations of insurance companies. *Five hours a week, winter quarter.* Professor Lear.

122 (39). INSURANCE: FIRE, MARINE, BOND, AND TITLE.

In this course, an effort is made to consider as far as possible the wide range which the insurance function covers and the probable trend of its future development. The topics noted in the title of the course are studied and as many others as time will permit. *Five hours a week, spring quarter.* Professor Lear.

141 (50). TRAFFIC PROBLEMS. Prerequisite, Economics 151.

A study of current technical problems in the field of transportation and traffic management. (This course will be given only in case as many as five students register for it.) *Three hours a week, winter quarter.* Professor Heath.

145 (51). OCEAN SHIPPING. Prerequisite, Economics 31-32.

A study of the elements of water transportation, trade routes, ports and terminal facilities, vessel types, ship operation and management, ocean freight service and rates, marine insurance. The problem of our merchant marine and national policies affecting it are also discussed. (Alternates with Economics 111 and will be given in 1931-1932.) *Three hours a week, spring quarter.* Professor Zimmerman.

151 (11). PRINCIPLES OF INDUSTRIAL MANAGEMENT. Prerequisite, Economics 31-32, Commerce 51.

This course covers the problems involved in the construction, equipment, and administration of a manufacturing enterprise. The unit of study is the factory. The subject matter is treated under four heads: the underlying principles of production, the agencies of production, the control of production operations, and the establishment of production standards. *Five hours a week, winter quarter.* Professor Schwenning.

154 (16). INDUSTRIAL MANAGEMENT: THEORIES AND PRACTICES. Prerequisite, Economics 31-32, Commerce 51. Open only to selected seniors and graduate students.

A critical examination of the economic, social, and ethical aspects of modern business administration. Current theories of organization and management will be taken up and subjected to careful scientific analysis. Practices will be compared with theories. An attempt will be made to formulate the underlying principles upon which the administration of modern industrial enterprise rests. *Three hours a week, winter quarter.* Professor Schwenning.

155 (14). PERSONNEL MANAGEMENT. Prerequisite, Economics 31-32, Commerce 51.

A scientific study of the methods of hiring and handling personnel in the various lines of industry. The supply, selection, training, promotion, transfer, and discharge of employees; the computation and significance of labor turnover: housing, educational, and recreational facilities; the functions of a personnel department with reference to efficiency, and the maintenance of good will between employees and employers. *Five hours a week, spring quarter.* Professor Schwenning.

157. TIME AND MOTION STUDY. Prerequisite, Economics 31-32; Commerce 51-151, or Commerce 51-52-53E. Open only to seniors and graduate students.

A presentation of the elements of time and motion study as a phase of scientific management and as a device used by modern industrial establishments to measure the productive capacity of workers on specific jobs and to set production standards. The course will include a discussion of the following: fundamentals and development of time and motion study; equipment and qualifications of a time study man; collection and tabulation of data; organization of the time study department, etc. Students will be given practice in making time studies and in applying the results. (Alternates with Commerce 154 and will be given in 1931-1932.) *Three hours a week, winter quarter.* Professor Schwenning.

161 (22). ADVERTISING. Prerequisite or corequisite, Economics 31-32.

The course consists of a study of the psychological basis of advertising, the types of advertising and their adaptation to the various lines of business, the relative value of the various advertising media, the mechanism of an advertisement, and methods of testing effectiveness. Attention is also given to the work of planning and executing an advertising campaign and checking up the results. Practical problems are a part of the course. *Five hours a week, fall or spring quarter. Laboratory fee, $1.00.* Professor Taylor.

163 (26). RESEARCH COURSE IN SALES RELATIONS. Prerequisite, Commerce 61 or 161.

Critical studies in selected phases of the selling process; laboratory and seminar methods. The particular problems considered will depend on the interests of the class. *Five hours a week, spring quarter.* Professor Taylor.

165 (23). RETAIL MERCHANDISING. Prerequisite, Economics 31-32.
The retailer is the last step in the system of merchandise distribution. His problems are many and because of his position in the field of business a study of his organization, functions, and methods is important. The preparation and maintenance of stock records, the organization and management of sales forces, and the determination and execution of credit and price policies are subjects which are taken up and discussed. Problems form an important part of this course. *Five hours a week, winter quarter.* Professor Taylor.

169 (46). FOREIGN TRADE PRACTICE. Prerequisite, or corequisite, Economics 124.
This course treats of foreign trade as a business profession and serves to prepare for entrance into the field; emphasis throughout is on practical problems.
Part I. The organization of Foreign Trade: export departments; middlemen and their functions; coöperation.
Part II. Methods: direct versus indirect exporting; export campaigns; sales policies.
Part III. Foreign Market Analysis.
Part IV. Paper work and technical procedure in exporting and importing, including foreign trade financing. *Five hours a week, winter quarter.* Professor Zimmerman.

171 (3). ADVANCED ACCOUNTING. Prerequisite, Commerce 71-72.
Lectures with laboratory work. Study of accounting problems and forms for special types of business concerns. Accounting for the organization and liquidation of co-partnerships and corporations, for combinations and consolidations, for trustees and receiverships, branch houses, municipalities, and foreign exchange. *Five hours a week, spring quarter. Laboratory fee, $3.00.* Professor Peacock.

172 (4). ACCOUNTING PRACTICE. Prerequisite, Commerce 71 and prerequisite or corequisite, Commerce 72.
A laboratory course. Bookkeeping systems and records for the various industries prevalent in North Carolina are studied and practice sets for each are prepared. A tentative list will include tobacco manufacturing, furniture manufacturing, cotton goods manufacturing, automobile sale agencies and garages, banks in small cities, and municipalities. *Six hours a week, spring quarter Laboratory fee, $3.00.* Professor Peacock.

173 (5). COST ACCOUNTING. Prerequisite, Commerce 71-72.
Lectures with laboratory work. Methods for collection of data relative to prime costs and a careful analysis of various methods of burden distribution. Application of principles will be made in the laboratory by means of budgets for cost accounting in different classes of enterprise. *Five hours a week, fall quarter. Laboratory fee, $3.00.* Professor Peacock.

175 (6). AUDITING. Prerequisite, Commerce 71-72.
Lectures and problems. Kinds of audits, system of accounts, methods of conducting audits, and problems in auditing. *Five hours a week, winter quarter. Laboratory fee, $3.00.* Professor Peacock.

177 (7). INCOME TAX PROCEDURE. Prerequisite, Commerce 71-72.
This course consists of a thorough study of both the Federal and State income tax laws and the problems that arise in the making of the various returns. The preparation of the tax returns and claims for refund will be undertaken as laboratory exercises. *Five hours a week, winter quarter. Laboratory fee, $2.00.* Professor Sherrill.

178 (8). C. P. A. PROBLEMS. Prerequisite, Commerce 71-72.
This course deals with the questions and problems given by the different states and the American Institute in their C. P. A. examinations. Typical problems are solved, and solutions prepared by the leading accountants of the country are studied. (This course will be given only in case as many as five students register for it.) *Three hours a week, spring quarter.* Professor Peacock

179 (9). GOVERNMENTAL ACCOUNTING. Prerequisite, Commerce 71-72.
Lectures and laboratory work. A study of Budgeting Accounting and its application to the various governmental units; the differences between Fund Accounting and Commercial Accounting; methods of collecting data recorded in books of original entry; and the preparation of Financial Statements. A survey will be made of systems for educational institutions, and for state, county, and city governments. Laboratory work will consist of practical problems. Field trips will be taken in order to study the system used by the State of North Carolina, the system prepared by the County Government Advisory Commission for counties, and other available systems. *Five hours a week, spring quarter. Laboratory fee, $2.50.* Professor Sherrill.

181 (31). BANKING PRACTICE AND FOREIGN EXCHANGE. Prerequisite, Economics 81-82.
Organization and management of a commercial bank. Duties and responsibilities of different departments. Bank accounting. Handling of credit instruments, checks, drafts, acceptances, bills of exchange. Critical examination of present methods and standards. The course will also include a study of international banking operations; the credit instruments used in financing trade between nations; the forces determining rates of exchange. (Alternates with Economics 182 and will not be given in 1931-1932.) *Five hours a week, spring quarter.* Professor Murchison.

191 (12). CORPORATION FINANCE. Prerequisite, Economics 31-32, Commerce 51 and 71.
A study of the principles and practice of corporate financing. Among the topics considered are: the methods of raising permanent capital, problems of current financing, the treatment of earnings, and financial problems incident to expansion and reorganization. Specific problems and reports are employed to illustrate and emphasize the principles involved. *Five hours a week, winter quarter.* Professor Woosley.

195 (36). INVESTMENTS. Prerequisite, Economics 31-32, Commerce 71-72, 191.
This course is essentially a laboratory study of corporate securities from the standpoint of the investor. Primary emphasis is placed upon the development of technique and standards of investment analysis. *Five hours a week, spring quarter.* Professor Woosley.

Courses Primarily for Graduates

301abc (106abc). SEMINAR IN COMMERCE.
A general introduction to methods of advanced study. Some phase of business activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive about equal emphasis. *Fall, winter, and spring quarters.* Professor Murchison (Chairman).

399 (141). SEMINAR.
Individual research in a special field under direction of a member of the department.

DEPARTMENT OF EDUCATION*

Professors NOBLE, WALKER, †KNIGHT, TRABUE, JORDAN, MOSHER; Associate Professors PRESTON, FARRAR, MUNCH, GIDUZ; Assistant Professors GWYNN, KING, MARKS; Instructors BEUST, HUNTER; Teaching Fellow LYON; *In Extension:* Professors MCKEE, HOWARD; Associate Professor MORRISON; Assistant Professors BASON, ANGEL; Instructors MCINTOSH, JACKSON

Courses for Undergraduates

21 (5). GENERAL INTRODUCTION TO THE STUDY OF EDUCATION. An orientation course in education designed to aid prospective teachers or laymen in obtaining a general understanding of the evolution, organization, purposes, procedures, and problems of American schools. A particular study is made of the educational situation in North Carolina. *Five hours a week, fall or spring quarter.* Professor Mosher.

31 (1). AN INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Sophomore course. Required of all prospective high school teachers in the School of Education who do not elect Psychology 21-22.

Education is viewed in this course as a series of changes in individual pupils. The elementary principles of educational psychology will be illustrated and studied briefly through assigned readings, experiments, and discussions. *Five hours a week, every quarter.* Professor Jordan.

51P‡ (82P). MATERIALS AND METHODS OF ELEMENTARY EDUCATION—READING AND STUDY HABITS FOR THE PRIMARY GRADES. Required of all prospective primary grade teachers in the School of Education.

A study of the problems in beginning reading, including, a critical evaluation of the various methods of teaching reading and of developing effective study habits. *Five hours a week, fall quarter.* Professor Marks.

52G‡ (82G). MATERIALS AND METHODS OF ELEMENTARY EDUCATION—READING AND STUDY HABITS FOR THE GRAMMAR GRADES. Required of all prospective grammar grade teachers in the School of Education.

The aim of this course is to become acquainted with the materials and methods of teaching reading as a means of extending the experiences of boys and girls, of stimulating good thinking, and of arousing interest in a wide variety of reading activities. *Five hours a week, fall quarter.* Professor Marks.

53X‡ (83X). MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) THE SOCIAL SCIENCES; (b) THE NATURAL SCIENCES. Required of all prospective elementary grade teachers in the School of Education.

The first half (Part a) is designed to give a thorough survey of recent experiments and special studies in subject matter and methods in geography, history, and citizenship. Suggestions will be given for utilizing daily activities to develod civic virtues. The second half (Part b) deals with natural science and health.

* Courses listed simply by title with descriptive details omitted are offered in the main in the Summer School or through the Extension Division. Occasionally, as demands require, some of these courses are given in residence in the regular college year.

† Absent on leave, winter and spring quarters, 1931.

‡ NOTE: The letter "P" when used after the number of a course means that the course is intended for teachers of the primary grades, the letter "G," that the course is intended for teachers of the grammar grades, and the letter "X," that the course is intended for teachers of either the primary or the grammar grades.

The general principles controlling the selection of material and its organization for each grade will be presented. *Five hours a week, winter quarter.* Professor Marks.

54P* (84P). MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) ARITHMETIC AND NUMBER PROJECTS FOR THE PRIMARY GRADES; (b) LANGUAGE FOR THE PRIMARY GRADES.

The first half (Part a) will emphasize the development of number concept in primary grades. The object of the second half (Part b) is to teach self-expression of oral and written language in life-like situations. *Five hours a week, spring quarter.* Professor Marks.

55G* (84G). MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) ARITHMETIC FOR THE GRAMMAR GRADES; (b) LANGUAGE AND COMPOSITION FOR THE GRAMMAR GRADES.

The first half (Part a) will give a careful study of the investigations revealing the course of mathematical facts which are necessary for all people to acquire, also methods of teaching these facts thoroughly. The second half (Part b) aims to study means of speaking effectively and pleasingly. Written language, obtaining good form through genuine use, including composition, writing, and spelling. *Five hours a week, spring quarter.* Professor Marks.

56X* (85X). DIRECTED TEACHING IN THE ELEMENTARY SCHOOL.

The purpose of this course is to provide actual practice in teaching in the elementary grades under supervision. It will include observation of teaching, study of the material taught, and preparation of lesson plans.

57X* (86X). DIRECTED TEACHING IN THE ELEMENTARY SCHOOL. (Continuation of 56X.)

The purpose of this course is to provide actual practice in teaching in the elementary grades under supervision. It will include observation of teaching, study of the material taught, and preparation of lesson plans.

58X* (89X). THE PROBLEM CHILD AND HIS ADJUSTMENT.

71 (20). EDUCATIONAL PSYCHOLOGY. Prerequisite, Education 31 or Psychology 21-22. Required of all prospective high school teachers in the School of Education.

To consider critically such topics as the original nature of man, heredity versus environment, kinds of learning and factors influencing learning, individual differences, mental hygiene, mental measurement is the purpose of this course. Lectures, text-books, laboratory. *Four lecture and two laboratory hours a week, every quarter.* Professor Jordan.

75 (4). THE THEORY AND PRACTICE OF EDUCATION.

A study of the theory and practice of education from the viewpoint of both the teacher and the citizen; the selection of the material of instruction; the development and arrangement of the curriculum for the grammar schools and the high schools. Lectures, textbooks, and assigned readings. *Five hours a week, winter quarter.* Professor Noble.

79 (69). PROBLEMS IN MENTAL HYGIENE FOR TEACHERS.

The following courses, 81-92, are open to students in the School of Education only

81 (70). MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH. For advanced undergraduates. Prerequisites, to be determined by the instructor.

* NOTE: The letter "P" when used after the number of a course means that the course is intended for teachers of the primary grades, the letter "G," that the course is intended for teachers of the grammar grades, and the letter "X," that the course is intended for teachers of either the primary or the grammar grades.

This course is designed to give practical preparation for the teaching of English in high schools. It includes consideration of the aims, courses of study, and methods found most effective in the teaching of grammar, composition (oral and written), and the different types of literature to pupils of high school age. Applicants should be thoroughly grounded in the fundamental principles of English grammar, should write and speak well, and should have more than average ability to appreciate literature. *Five hours a week, every quarter.* Professor Farrar.

82 (71). DIRECTED TEACHING OF HIGH SCHOOL ENGLISH. For advanced undergraduates. Prerequisite, Education 81.

The purpose of this course is to provide actual practice in teaching high school classes in English under supervision. It will include observation of teaching, study of the material taught, and preparation of lesson plans. *Five hours a week, every quarter.* Professor Farrar.

83 (72). MATERIALS AND METHODS OF TEACHING HIGH SCHOOL FRENCH. For advanced undergraduates. Prerequisites, to be determined by the instructor.

In this course the student studies the development of modern language teaching. Particular stress is laid on present-day tendencies, more especially in connection with pronunciation, phonetics, reading, "realia," activities, texts, etc. Weekly reports on readings. Term paper. *Five hours a week, every quarter.* Professor Giduz.

84 (73). DIRECTED TEACHING OF HIGH SCHOOL FRENCH. For advanced undergraduates. Prerequisites, to be determined by the instructor.

In this course the student carries out as far as possible the plan evolved in Education 83. From passive participation through a period of observation, the student gradually reaches the active stage of teaching. During the latter half of the term he has sole charge of the class, always of course, under the supervision of the instructor. Daily lesson plans; conferences for the discussion of each day's work. *Five hours a week, every quarter.* Professor Giduz.

85 (74). MATERIALS AND METHODS OF TEACHING THE SOCIAL STUDIES. For advanced undergraduates. Prerequisites, to be determined by the instructor.

This course is required of all students in the School of Education who are preparing to teach high school history and the other social studies. The aims, functions, and objectives of the social studies will be carefully analyzed and the history of their place in the American secondary school examined. Such problems as planning and organizing the course, textbooks, and library equipment, maps, pictures, and other visual aids will be considered. Following these will be a discussion of the various methods problems such as the recitation, teaching pupils how to study, the lecture, textbook, topical problem and source methods, written work, and testing results. Textbooks, lectures, discussions, special investigations, and reports. *Five hours a week, every quarter.* Professor King.

86 (75). DIRECTED TEACHING OF THE SOCIAL STUDIES. For advanced undergraduates. Prerequisites, to be determined by the instructor.

In this course the student will at first attend a high school class in history or community civics and observe the methods and technique of conducting the class. After he has observed and prepared the work of the class long enough to become familiar with its operation he will be required to work out a daily lesson plan for each class observed. When, in the judgment of the instructor, the student is sufficiently familiar with the correct methods of procedure, he will be permitted to conduct the class under the personal supervision of the instructor. After each class conducted by the student teacher his work will be discussed

and criticised in conference with the supervisor. *Five hours a week, every quarter.* Professor King.

87 (76). MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN. For advanced undergraduates. Prerequisites, to be determined by the instructor.

This course is designed primarily for students majoring in Latin in the School of Education, and is required of all who plan to teach high school Latin, whether as a major or minor subject. The history of the teaching of Latin will be discussed along with modern tendencies of instruction in this field. A special study will be made of high school Latin texts, and reports and discussions will emphasize the various methods used in teaching them. Helpful bibliographies will be compiled and examined. *Five hours a week, every quarter.* Professor Gwynn.

88 (77). DIRECTED TEACHING OF HIGH SCHOOL LATIN. For advanced undergraduates. Prerequisites, to be determined by the instructor.

The teaching of Latin in the practice school will be observed closely by students for a time; later the work of the classes observed will be fully discussed. After such intensive observation work, the students will be required to work out individual daily lesson plans for the classes observed. When the instructor believes that the students have had sufficient time to learn the correct method of procedure, he will turn over a class to each one of them to handle independently under his supervision. Critical reports and discussions of the class work of each student teacher will follow. *Five hours a week, every quarter.* Professor Gwynn.

89 (78). MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS. For advanced undergraduates. Prerequisites, to be determined by the instructor.

A course designed to give those preparing to teach mathematics in high school a comprehensive view of that field. It is composed of six units as follows: history of mathematics, objectives of mathematics teaching, materials, methods, the psychology of mathematics teaching, and measuring in the field of mathematics. Reading and reports on these units will be required. *Five hours a week, every quarter.* Professor Munch.

90 (79). DIRECTED TEACHING OF HIGH SCHOOL MATHEMATICS. For advanced undergraduates. Prerequisites, to be determined by the instructor.

This course familiarizes the student with the actual classroom situation. It consists in the following steps: mastery of subject matter to be taught; preparation for teaching by observation, making lesson plans and conference with the instructor; actual teaching; and discussion with the instructor of techniques used and results obtained. Teaching by the student is the feature of the course. *Five hours a week, every quarter.* Professor Munch.

91 (80). MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE. For advanced undergraduates. Prerequisites, to be determined by the instructor.

Knowledge of science content is assumed. This course considers the objectives and curriculum position of secondary school science, the proper teaching viewpoint, instruction techniques, selection and use of equipment. As background, the development of secondary school science in response to changing economic, social, and educational conditions is briefly studied. Assigned readings introduce the important literature. *Five hours a week, every quarter.* Professor Preston.

92 (81). DIRECTED TEACHING OF HIGH SCHOOL SCIENCE. For advanced undergraduates. Prerequisites, to be determined by the instructor.

The object of this course is to give the student familiarity with the science class-room and laboratory in operation. Entering first as an observer he will

gradually be allowed to take over more and more of the work as he is considered qualified to do so. Conferences with the instructor will be an important part of this course. *Five hours a week, every quarter.* Professor Preston.

98 (52). GENERAL METHODS IN SECONDARY EDUCATION. Required of all prospective high school teachers in the School of Education. Prerequisite, Education 71.

The first half of this course deals with the aims of high school teaching and the outcomes of learning. In the second half an evaluation of the various techniques and methods of instruction commonly used in high schools is attempted. The course includes a limited amount of observation in the training school. *Five hours a week, every quarter.* Professor Mosher.

99 (51). PRINCIPLES OF SECONDARY EDUCATION. Required of all prospective high school teachers in the School of Education. Prerequisite, Education 71.

A study of the American high school, its evolution, organization, administration, functions, and problems. Special emphasis will be laid on the public high school in North Carolina. This course is designed especially to meet the needs of those students who are looking toward teaching positions and principalships in secondary schools. Textbook, lectures, assigned readings, and reports. *Five hours a week, fall or winter quarter.* Professor Walker.

Courses for Graduates and Advanced Undergraduates

101 (41). INTRODUCTORY COURSE IN SCHOOL ADMINISTRATION. This course will consider the most important problems of school administration, especially as these problems bear on the success of the teacher's work. Students without teaching experience, or teachers without a knowledge of administrative problems, should not register for the more specialized courses in the field of administration until after completing this course. Textbook, observations, and discussions. *Five hours a week, spring quarter.* Professor Trabue.

102 (42). THE ELEMENTARY SCHOOL PRINCIPAL AS ADMINISTRATOR.

The personal qualifications, previous experience, duties, and opportunities of the school principal are studied during the early meetings of this course. The organization of the school program, of the instructional staff, and of the housekeeping staff are then considered in relation to their effects on pupil development. The direction and administration of various elements in the school receive maximum attention in class discussions of experiences, observations, assigned readings, and special reports. *Five hours a week, alternate winter and summer quarters.* Professor Trabue.

103 (43). ELEMENTS OF STATISTICAL METHODS. Prerequisite, Education 31 or Psychology 21-22.

The first meetings in this course will consider various methods of collecting data for educational, psychological, social, and economic investigations. The interpretation of data by graphic and mathematical devices will be taught chiefly by examples. Numbering, tabulation, the calculation of averages and variabilities, the transmutation of measures, and correlations will be included. Readings, demonstrations, problems, reports, and critical discussion. *Five hours a week, winter quarter.* Professor Trabue.

104 (46). CLASSROOM MANAGEMENT.

105 (47). GUIDANCE AND ADMINISTRATION OF PUBLIC SCHOOL PUPILS. Prerequisite, four full courses in education, including one in administration, and two years of successful teaching experience.

This course undertakes not only to acquaint the student with the extensive literature of scientific research in pupil personnel work, but also to develop through actual handling of individual records, reports, and materials as many as possible of the important skills required of the principal in the classification and promotion of pupils, in program making, in organization of pupil activities, in student government, in athletics, etc. *Five hours a week, on application.* Professor Trabue.

108 (40). STATE SCHOOL ORGANIZATION.

141 (26). PUBLIC SCHOOL EDUCATION IN THE SOUTH.
This course gives an historical survey of public school education in Southern States with especial attention to its development in organization, administration, and supervision since 1876. Present-day questions in rural education are studied in the light of their historical development, and attention is given to the educational reorganization needed for the proper solution of the new rural life problems. Textbooks, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

142 (36). HISTORICAL FOUNDATIONS OF MODERN EDUCATION.
This course traces the development of some of the more important educational problems of modern times as they have been affected by the social and political facts of history, by the contributions of the leading educational theorists, and by institutional practice. Textbooks, lectures, investigations, and reports. *Five hours a week, winter quarter.* Professor Knight.

143 (37). SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES. (History 168.)
The social and educational institutions and practices of the United States are traced through: (a) the period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions; and (c) the period of development of a social and an educational system of free common schools, high schools, and higher and technical education in harmony with the political and social ideals and institutions of America. Textbook, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

144 (31). RURAL EDUCATION.
A course planned to meet the needs of students preparing to become rural school teachers, principals, supervisors, and superintendents. It gives consideration to the organization, administration, and supervision of rural school education in the United States, with especial emphasis on the present conditions in the South. The county as the unit of administration and support, federal aid and a national program for rural educational work, and the application of the principles, agencies, and methods of supervision to the rural school will be studied. Textbooks, lectures, special investigations, and reports. *Five hours a week, winter quarter.* Professor Knight.

149 (29). HISTORY OF EDUCATION IN NORTH CAROLINA.
The purpose and development of education in North Carolina as seen in the work of public, private, charity, and church schools. A comparative study of public education in North Carolina and other selected typical states of the American Union. Lectures, discussions, and assigned readings. *Five hours a week, fall or spring quarter.* Professor Noble.

160 (60). CURRICULUM CONSTRUCTION.
The construction and organization of the elementary school curriculum when based upon human needs. Includes consideration of the teacher's function in curriculum construction, objectives of the school subjects, sources of curricular

material and criteria for evaluating it, selection and organization of the pupil-activities through which the objectives may be attained. *Five hours a week alternate spring quarters.* Professors Trabue, Marks.

161 (66). PROJECT ACTIVITIES IN THE ELEMENTARY GRADES.

162 (67). TEACHING PUPILS HOW TO STUDY. Prerequisite, three or more courses in education, successful experience as a teacher, and satisfactory evidence of ability to conduct systematic investigations of pupils' habits.

The physical and environmental factors that condition effective study, the necessity of preliminary preparation for study, techniques for discovering a pupil's present study habits in each subject-matter field, the evaluation and improvement of study habits and programs of study in each field, and techniques for the supervision of practice and growth in each type of study will be considered, practised, and learned in this course. Investigations, observations, special reports, readings, and discussions. *Five hours a week, on application.* Professor Trabue.

163 (48). EVALUATING CLASSROOM INSTRUCTION.

The general and specific objectives of instruction are agreed upon in the early meetings of this course. Criteria are then developed for evaluating the materials techniques, activities, and outcomes of instruction. The latter part of the course consists in applying the criteria to actual classroom lessons in an attempt to develop skill in observing, evaluating, and improving instruction. *Five hours a week, alternate spring and summer quarters.* Professor Trabue.

164 (62). TESTS AND MEASUREMENTS IN ELEMENTARY EDUCATION. Prerequisite, Education 31 or Psychology 21-22.

Methods of measuring and improving the results of instruction in the elementary school will be given detailed consideration in this course. Students will be made acquainted with the most important tests and scales and will be given some experience in interpreting the results both statistically and practically. *Five hours a week, fall quarter.* Professor Trabue.

165 (68). INVESTIGATIONS IN READING.

171 (63). THE PSYCHOLOGY OF ELEMENTARY EDUCATION.

172 (54). THE PSYCHOLOGY OF HIGH SCHOOL SUBJECTS.

173 (64). MENTAL MEASUREMENTS. Prerequisite, Education 31 or Psychology 21-22.

A study of mental tests both individual and group. The origin of the tests will be first considered followed by a comparative study of the various types of group and individual tests. There will be ample opportunity offered for the actual administration of the tests and the interpretation of the results. *Five hours a week, spring quarter.* Professor Jordan.

194 (56). MEASUREMENTS IN SECONDARY EDUCATION. Prerequisite, Education 31 or Psychology 21-22.

Standard tests for measuring the results of secondary school instruction will be examined and discussed. Special attention will be given to the results and needs in North Carolina high schools. Students will be expected to become fairly familiar with the tests and scales and to develop some skill in interpreting results. *Five hours a week, fall quarter.* Professor Trabue.

195 (45). THE JUNIOR HIGH SCHOOL.

196 (57). THE HIGH SCHOOL PRINCIPALSHIP.

197 (55). SOCIAL POLICY AND EDUCATION.
Fundamental problems in the social and ethical theory of education. Lectures, prescribed readings, essays, and reports. This course deals with problems of social progress from the standpoint of education, attempts to define a social policy for education, and discusses the vital educational issues involved in that policy. *Five hours a week, winter quarter.* Professor Walker or Professor Mosher.

Courses Primarily for Graduates

201 (106). PROCEDURES IN EDUCATIONAL RESEARCH.

202 (107). TECHNIQUES OF EDUCATIONAL LEADERSHIP.

203 (108). PUBLIC SCHOOL BUILDINGS: SPECIFICATIONS AND PLANS.

204 (49). EDUCATIONAL FINANCE.

205 (109). PUBLIC SCHOOL SURVEYS.

271-272 (110abcd). PROBLEMS IN EDUCATIONAL PSYCHOLOGY. Prerequisite, Education 31 or Psychology 21-22, and preferably one other course in Educational Psychology.
A graduate course treating intensively of the fundamental facts of educational psychology. This course is designed for those who intend to major in educational psychology and for all those who wish a thorough grounding in the psychological principles of education. The first part ot this double course (271) will deal with problems of conduct and individual differences; the second part (272) will deal with problems of learning. *Five hours a week, fall and winter quarters.* Professor Jordan.

281 (170). PROBLEMS IN THE TEACHING OF ENGLISH IN SECONDARY SCHOOLS.

289 (178). PROBLEMS IN THE TEACHING OF MATHEMATICS.

291 (180). PROBLEMS IN THE TEACHING OF NATURAL SCIENCE IN THE SECONDARY SCHOOLS.

298 (152). PHILOSOPHY OF HIGH SCHOOL TEACHING.

299 (151). PRINCIPLES OF SECONDARY EDUCATION.
A systematic course for graduate students, intended primarily for those who have not had Education 99. This course will embrace a study of the American high school, its evolution, organization, administration, functions, and problems. It is designed primarily for high school principals and graduate students who are looking forward to high school principalships. Textbooks, lectures, readings, and reports. A term paper will be required of each student before credit for the course will be allowed. *Five hours a week, spring quarter.* Professor Walker.

303abc (103abc). PROBLEMS IN EDUCATIONAL ADMINISTRATION. Prerequisite. Education 101, or its equivalent, and one other course in educational administration.
A graduate course offering opportunity for intensive study and research on selected problems in the field of educational administration. The problems will be selected by the class each year, making it possible for the student to take this course more than once. *Three hours a week, fall, winter, and spring quarters.* Professor Trabue.

304abc (104abc). PROBLEMS IN EDUCATIONAL MEASUREMENTS. Prerequisite, Education 164 or 194.

Students who wish to specialize in educational measurements may take this course more than once if desired, since the problems considered will differ from year to year. *Three hours a week, fall, winter, and spring quarters.* Professor Trabue.

341abc (126abc). FOUNDATIONS OF EDUCATION IN THE SOUTH.

This is a research course in modern educational practices and institutions and is open only to those advanced students who have had Education 141, or Education 142, or the equivalent. Various educational agencies will be studied through investigations, reports, and conferences. *Three hours a week, fall, winter, and spring quarters.* Professor Knight.

375 (140). THESIS COURSE.

This is a course of strictly graduate grade in which there will be taken up such work as is necessary for each student in connection with the writing of his degree thesis. It is intended for those students whose graduate major is in education, but students whose thesis topics are closely related to education are invited to attend and to take part in the discussions. *Three hours a week.* Professors in the School of Education.

376 (141). SEMINAR COURSE.

A research course in a special field under the direction of a member of the department. Students may register and receive credit for one, two, or three quarters. *Three hours a week, fall, winter, and spring quarters.*

398-399 (101ab). PROBLEMS IN SECONDARY EDUCATION.

This double course is intended for advanced students and is primarily a course in investigation. To be admitted to it, a student must have pursued other courses in secondary education. Students who have not taken Education 99 may be admitted only with special permission of the instructor. At the beginning of the course each student is required to select some one problem for special investigation. A thesis will be required of each student. Throughout the two quarters regular class discussions will be held on present-day problems in secondary education and assigned readings will be required. *Five hours a week, fall and winter quarters.* Professors Walker, Mosher.

¶DEPARTMENT OF ENGLISH

Professors COFFMAN, KOCH, BOOKER, MCKIE, TAYLOR, *THRALL; Associate Professors HOWELL, PAINE, MACMILLAN, ERICSON, HUDSON; Assistant Professors MCCLAMROCH, WRIGHT, ADAMS, OLSEN, BOND, SELDEN; Instructors ABBOT, *POSEY, SHINE, BAILEY, WILSON, STROUP, †RUSSELL, WESTERMAN, MELLEN, HOWELL; Teaching Fellows SENSABAUGH, SCOTT, WELLS; Assistants HORNER, MCCOY, HUNSAKER, MAHLER

¶UNDERGRADUATE MAJORS IN ENGLISH

Beginning with the year 1931-1932, students of the class of 1933 have the opportunity to elect the following majors:

In the College of Liberal Arts:

General: English 50, 81 or 141, 91 or 93, 103, 143, and three other courses in English.

Dramatic: English 50, 113 or 114, 133, 149 or 162, 161, and three courses in dramatic composition or theater arts.

In the School of Education (for prospective teachers of English): English 44-45-46, 50, 52, 81, 103, 141 or 143, and courses in the materials and methods of teaching high school English (see the School of Education).

* Absent on sick leave, fall and winter quarters, 1930-1931.

† Absent on leave, 1930-1931.

Courses for Undergraduates

NOTE. English 1abc and English 21-22 are prerequisite to all advanced courses in the department. Juniors will not be admitted to courses for advanced undergraduates except by special permission.

1abc (1) FRESHMAN ENGLISH. Required of all Freshmen except those in the School of Engineering.

A study of functional grammar and rhetorical principles; training in writing through exercises in sentence revision and through frequent written compositions; intensive reading chiefly in prose; extensive reading among selected books in the Library; personal conferences. (Students who fail to qualify for English 1a will be required to take a preliminary course without credit.) *Three hours a week, throughout the year.* Professors Thrall and Adams (Chairmen), MacMillan, Hudson, Ericson, McClamroch, Wright, Bond, Messrs. Abbot, Shine, Wilson, Mellen, Howell, Sensabaugh, Scott, Wells, Horner, McCoy.

The following courses, 9abc, 29abc, and 59, 60, are offered by the Department of English for students in the School of Engineering. They are not open to other students.

9abc (9ab). COMPOSITION FOR ENGINEERS: INTRODUCTORY COURSE. Open only to students in the School of Engineering.

Two hours a week and weekly conferences, fall, winter, and spring quarters. Mr. Bailey (Chairman), Mr. Stroup.

21-22 (3, 4, 5). ENGLISH LITERATURE. Prerequisite, English 1abc.

Study of important significant literary productions chronologically considered. *Five hours a week, two quarters, fall and winter, fall and spring, or winter and spring quarters.* Professors MacMillan (Acting Chairman), Coffman, Booker, McKie, Taylor, Howell, Paine, Ericson, Hudson, McClamroch, Wright, Adams, Olsen, Mr. Westerman.

29abc. LITERATURE FOR ENGINEERS. Open only to students in the School of Engineering.

Two hours a week, fall, winter, and spring quarters. Professor Howell.

41-42-43 (13-14-15). DRAMATIC INTERPRETATION. Sophomore, Junior, and Senior elective.

A course in the study of drama from the standpoint of oral interpretation. In each quarter a play of Shakespeare, a comedy of manners, and a modern play are used as material, and a term paper based on parallel reading is required. *Three hours a week, fall, winter, and spring quarters.* Professor McKie.

44-45-46 (16-17-18). PUBLIC SPEAKING. Sophomore, Junior, and Senior elective.

Courses center in problems of persuasion. Emphasis on sincerity and on precision in language. Study of some persistent problems in citizenship as a basis for speaking. Outlines required; practice in parliamentary procedure and controlled public discussion; individual conferences. The fall quarter emphasizes organization of material and mechanics of speech. The winter quarter work is argumentation and debate with briefing and tests of evidence and reasoning. The spring quarter work emphasizes special types of speeches. *Three hours a week, fall, winter, and spring quarters.* Professor Olsen.

47. PUBLIC SPEAKING. Open only to students registered in the A.B.-LL.B. curriculum or others who intend to enter the School of Law.

An adaptation of English 44-45-46 for students who intend to study law. *Five hours a week, fall quarter.* Professor Olsen.

50 (37-38). SHAKESPEARE. Sophomore, Junior, and Senior elective.
A study of Shakespeare's plays. About twenty representative comedies, tragedies, and histories will be studied. *Five hours a week, fall quarter* (Professor Koch), *spring quarter* (Professor Taylor).

51 (20). BUSINESS CORRESPONDENCE. Junior and Senior elective.
Especially designed for students in the School of Commerce. Registration only with permission of the instructor. *Five hours a week, winter, or spring quarter.* Mr. Posey, Mr. Mellen.

Registration in English 52, 53, 54 is limited. Before registering for these courses, students must secure the permission of the instructors.

52 (21). ADVANCED COMPOSITION: THE TECHNIQUE OF EXPOSITION. Junior and Senior elective.
A course in expository writing for students desiring practice in organization of material. *Five hours a week, fall quarter.* Professor Howell.

53 (22). ADVANCED COMPOSITION. Junior and Senior elective.
Five hours a week, winter quarter. Professor Hudson.

54 (23). ADVANCED COMPOSITION. Junior and Senior elective.
Five hours a week, spring quarter. Professor Bond.

55 (31). PLAY WRITING.
A practical course in playwriting. Emphasis is placed on the materials of local tradition and of present day life. Students are expected to make use of the materials of their own experience and observation. Plays written in the course are selected for experimental studio production and for public production by The Carolina Playmakers. *Five hours a week, fall quarter.* Professor Koch.

56 (32). PLAY WRITING.
A continuation of English 55 (31). *Five hours a week, winter quarter.* Professor Koch.

57 (33). PLAY WRITING.
A continuation of English 56 (32). *Five hours a week, spring quarter.* Professor Koch.

59 (11abc). ADVANCED TECHNICAL COMPOSITION. Open only to students in the School of Engineering.
Five hours a week, winter or spring quarter. Professor Howell.

60abc (10). PUBLIC SPEAKING FOR ENGINEERS. Open only to students in the School of Engineering.
Two hours a week, fall, winter, and spring quarters. Professors McKie, Olsen.

The following six courses, English 61, 62, 63, 64, 65, 66, are introductory courses in the theory and practice of the theatre designed for students participating in the work of the Carolina Playmakers. They correspond roughly with the former courses 34, 35, and 36. All students registered for the three courses, English 64, 65, 66, will be required to fill positions on the technical staff of the productions of the Carolina Playmakers.

61. ACTING.
Training in the technique of acting. *Two hours lecture and six hours practical work a week, fall quarter. Fee for materials, $2.00.* Professor Selden.

62. REHEARSAL AND PERFORMANCE.
The theory and practice of ensemble acting from the point of view of both the actor and the director. *Two hours lecture and six hours practical work a week, winter quarter. Fee for materials, $2.00.* Professor Selden.

63. PLAY DIRECTION.
The theory and practice of play directing. *Two hours lecture and six hours practical work a week, spring quarter. Fee for materials, $2.00.* Professor Selden.

64. SCENERY CONSTRUCTION AND PAINTING.
Elementary theory and practice in the construction and painting of scenery for the stage. *One hour lecture and four hours laboratory a week, fall quarter. (See note above.) Fee for materials, $2.00.* Professor Selden.

65. STAGE LIGHTING.
Elementary theory and practice in stage lighting, including the choice of equipment and its control in the theatre. *One hour lecture and four hours laboratory work a week, winter quarter. (See note above.) Fee for materials $2.00.* Professor Selden.

66. STAGE DESIGN.
The history of and elementary theory and practice in the designing of scenery for the stage, through the preliminary sketch, the steel model, and the working drawings. A considerable amount of simple architectural drafting will be required. *One hour lecture and four hours laboratory work a week, spring quarter. (See note above.) Fee for materials, $2.00.* Professor Selden.

73. WORDSWORTH AND BYRON.
Wordsworth, 1931-1932; Byron, 1932-1933. *Five hours a week, fall quarter.* Professor ——.

75. BROWNING AND TENNYSON.
Browning, 1931-1932; Tennyson, 1932-1933. *Five hours a week, fall quarter.* Professor Booker.

79 (67). RECENT ENGLISH LITERATURE.
The aim of this course is to follow the main currents of thought in the more significant literature appearing between 1890 and the present day. *Five hours a week, spring quarter.* Professor Booker.

81 (59). AMERICAN LITERATURE.
A survey of American literature from Poe and Emerson to Whitman. *Five hours a week, winter quarter.* Professor Adams.

82 (60). AMERICAN LITERATURE.
A survey of American literature from Whitman to the present. *Five hours a week, spring quarter.* Professor Adams.

91 (66). THE ENGLISH NOVEL.
Five hours a week, winter quarter. Professor MacMillan.

93. ENGLISH DRAMA.
A study of English drama from the beginnings to 1900. *Five hours a week, spring quarter.* Professor MacMillan.

95. GREAT BOOKS OF THE NINETEENTH CENTURY.
The aim of this course is to reveal certain masterpieces of the past century as commentaries on man's relations to God, nature, woman, and the State. *Five hours a week, winter quarter.* Professor Booker.

100 (50abc). READING COURSE. Senior elective.
Open to a small number of advanced students who desire to read in the field of their literary interest. Permission of the instructor is necessary before registration. *The equivalent of three hours a week, any quarter.* Professor Coffman.

DEBATING 1.
A course in the discussion of current public questions; briefing, including analysis. Occasional lectures by various members of the faculty. Weekly meetings throughout the year, carrying a credit of one-half course. Professor McKie, Chairman.

Courses for Graduates and Advanced Undergraduates

101 (81). OLD ENGLISH: INTRODUCTORY COURSE.
A study of Old English grammar and syntax. A considerable amount of Old English prose is read. *Five hours a week, fall quarter.* Professor Ericson.

103 (83). MIDDLE ENGLISH: CHAUCER.
Previous training in Old or Middle English, not a fixed prerequisite. The work of the course will consist chiefly of a reading and discussion of Chaucer's works, with some consideration of Chaucer's language. *Five hours a week, winter quarter.* Professor Coffman.

105 (85). MEDIEVAL ROMANCE IN ENGLISH.
A survey of medieval romance and romance materials in English literature, with particular attention to the Arthurian tradition. *Five hours a week, spring quarter.* Professor Thrall.

111 (40). ENGLISH LITERATURE OF THE RENAISSANCE.
A survey of the literature of the Elizabethan period, exclusive of the drama. *Five hours a week, fall quarter.* Professor Thrall.

112. SPENSER.
A study of the works of Spenser as indicative of Renaissance thought. *Five hours a week, winter quarter.* Professor Thrall.

113 (43). ENGLISH DRAMA, 1500-1600.
Five hours a week, winter quarter. Professor Wright.

114 (44). ENGLISH DRAMA, 1600-1642.
Five hours a week, spring quarter. Professor Wright.

121 (47). ENGLISH LITERATURE, 1616-1700.
The non-dramatic literature of the period. *Five hours a week, spring quarter.* Professor Howell.

125 (45). MILTON.
The works of Milton are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study. *Five hours a week, fall quarter.* Professor Taylor.

131 (48). ENGLISH LITERATURE, 1700-1780.
The non-dramatic literature of the period. *Five hours a week, fall quarter.* Professors MacMillan, Bond.

133 (75). RESTORATION AND EIGHTEENTH-CENTURY DRAMA.
A study of the drama from 1660 to 1800. (Given in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor MacMillan.

141 (51). ENGLISH LITERATURE, 1780-1830.
A survey of English literature of the romantic period with especial attention to the greater poets. *Five hours a week, winter quarter.* Professor Hudson.

143 (55). VICTORIAN LITERATURE I, 1832-1860.
A survey with special attention to Carlyle, Tennyson, and Browning. *Five hours a week, winter quarter.* Professor Booker.

144 (56). VICTORIAN LITERATURE II, 1860-1890.
A survey with special attention to Ruskin, Rossetti, Morris, and Swinburne. *Five hours a week, spring quarter.* Professor Booker.

149 (69). NINETEENTH-CENTURY DRAMA.
A study of representative English plays in the nineteenth century. Particular attention is paid to the Celtic Renaissance. Consideration is given to the beginnings of a new folk drama in America. (Given in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch.

151 (65). AMERICAN LITERATURE.
A survey of the literature of the colonial, revolutionary, and early national periods. *Five hours a week, fall quarter.* Professor Paine.

161 (68). COMPARATIVE DRAMA.
A general survey of the drama and the theatre from Æschylus to Ibsen. The development of dramatic literature is studied through representative plays (in translation) of the leading European dramatists. *Five hours a week, winter quarter.* Professor Koch.

162 (71). MODERN DRAMA.
A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (Given in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch.

163 (78). LITERARY CRITICISM.
The principles that have animated classical, romantic, and realistic literature. *Five hours a week, spring quarter.* Professor ——.

167. THE ENGLISH BALLAD.
A study of the English and Scottish popular ballads, with a survey of ballad survivals in America, particularly in North Carolina. Students in the course who may have access to ballads in oral circulation will be encouraged to collect them. *Five hours a week, spring quarter.* Professor Hudson.

170. THE HISTORY OF THE ENGLISH LANGUAGE.
The English language in the light of its historical development. Study of the chief linguistic influences and tendencies as seen in literary specimens of the various periods. *Five hours a week, spring quarter.* Professor Ericson.

Courses Primarily for Graduates

201 (101). STUDIES IN OLD ENGLISH LITERATURE: BEOWULF. Prerequisite, English 101.
Five hours a week, winter quarter. Professor Ericson.

202 (102). MIDDLE ENGLISH.
The main purpose of the course is to acquaint the student with the social, political, and religious background of medieval England. A fuller study will be made of the historical and philological relations of Middle English than in Enligsh 103. *Five hours a week, spring quarter.* Professor Coffman.

225 (125). PLAY WRITING, ADVANCED COURSE.
A practical course in play writing and experimental production. The student is expected to direct a production of the plays written in the course. The best of these are given public production by The Carolina Playmakers. *Five hours a week, fall quarter.* Professor Koch.

226 (126). PLAY WRITING, ADVANCED COURSE.
A continuation of English 225 (125). *Five hours a week, winter quarter.* Professor Koch.

227 (127). PLAY WRITING, ADVANCED COURSE.
A continuation of English 226 (126). *Five hours a week, spring quarter.* Professor Koch.

231-232 (46ab). SHAKESPEARE.
The works of Shakespeare are studied with emphasis upon the historical and critical problems which they present. *Five hours a week, winter and spring quarters.* Professor Taylor.

283 (64). THE ROMANTIC MOVEMENT IN AMERICAN LITERATURE.
(Given in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Paine.

284 (63). AMERICAN LITERATURE, 1870-1900.
(Given in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Paine.

307. SEMINAR: CHAUCER. Prerequisite, English 103 (83).
Five hours a week, spring quarter. Professor Coffman.

309. SEMINAR: MEDIEVAL DRAMA.
A study of the origin and development of the religious drama in Western Europe; special consideration of the craft cycles and the moralities. *Five hours a week, fall quarter.* Professor Coffman.

310 (110) SEMINAR: STUDIES IN ELIZABETHAN LITERATURE.
Research in special problems in Elizabethan literature. *Five hours a week, fall quarter* (Professor Wright), *winter quarter* (Professor Taylor).

312 (112). SEMINAR: STUDIES IN SEVENTEENTH-CENTURY LITERATURE.
Research in special problems in the literature and thought of the seventeenth century. (Given in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Howell.

313 (113). SEMINAR: STUDIES IN EIGHTEENTH-CENTURY LITERATURE.
Special problems in the literary and intellectual movements of the eighteenth century. *Five hours a week, spring quarter.* Professors MacMillan, Bond.

317 (117). SEMINAR: STUDIES IN NINETEENTH-CENTURY ROMANTICISM IN ENGLAND.
Wordsworth and Coleridge: the English and Continental aspects of their thought and art. (Not given 1931-1932.) *Five hours a week, fall quarter.* Professor ——.

318 (118). SEMINAR: STUDIES IN NINETEENTH-CENTURY ROMANTICISM IN AMERICA.
(Not given in 1931-1932.) *Five hours a week, winter quarter.* Professor ——.

320 (120ab). SEMINAR: STUDIES IN VICTORIAN LITERATURE.
Special problems in the literature appearing between 1832 and 1890. *Five hours a week, fall quarter.* Professor Booker.

331 (131ab). SEMINAR: BIBLIOGRAPHY.
The principles and methods of the study of English with a series of simple problems in bibliography and literary history. Required of all candidates for the A.M. and Ph.D. degrees. *Five hours a week, winter quarter.* Professor Paine.

340 (140). SPECIAL READINGS.
Reading in a special field under the direction of a member of the department. This course may not be repeated for credit.

341 (141). SPECIAL RESEARCH.
Research in a special field under the direction of a member of the department.
Attention is called to the courses in philology and advanced literary study offered in the Departments of Classics (Latin 110, Medieval Latin; Latin 202, Latin Epigraphy; Latin 203, Latin Paleography), General and Comparative Literature, Germanic Languages (German 221, Introduction to Comparative Philology; German 201, Gothic, etc.), and Roman Languages (French 221-222-223, Old French; French 225, Provencal; Celtic 205, Middle Irish; Spanish 221-222, Early Spanish; Italian 131-132, Dante; etc.).

DEPARTMENT OF GENERAL AND COMPARATIVE LITERATURE

Professors HOWE (Chairman), KOCH, BERNARD, LEAVITT, HOLMES, THRALL, TAYLOR, COFFMAN, BROWN, ADAMS; Associate Professors HUSE, LYONS, METZENTHIN; Assistant Professors BOGGS, STOUDEMIRE

Courses for Undergraduates

61, 62 (14, 15). CLASSICAL LITERATURE.
A study of masterpieces of Greek and Latin literature in English translation with special reference to the contribution of ancient civilization to modern thought. *Five hours a week, fall and winter quarters.* Professors Bernard, Howe.

65 (16). ORIENTAL LITERATURE.
The epics, dramas, etc., of the Hindus, Chinese, and other peoples are studied for their revelation of the Oriental outlook on life, and for their contribution to Occidental literature and thought. (Given in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

75. SHAKESPEARE. This course is the same as English 50.
A study of Shakespeare's plays. About twenty representative comedies, tragedies, and histories will be studied. *Five hours a week, fall quarter* (Professor Koch), *spring quarter* (Professor Taylor).

Courses for Graduates and Advanced Undergraduates

103. CHAUCER.
Previous training in Old or Middle English is not a fixed prerequisite. The work of the course will consist chiefly of a reading and discussion of Chaucer's works, with some consideration of Chaucer's language. *Five hours a week, winter quarter.* Professor Coffman.

105. MEDIEVAL ROMANCE IN ENGLISH.
A survey of Medieval romance and romance materials in English literature, with particular attention to the Arthurian tradition. *Five hours a week, spring quarter.* Professor Thrall.

111 (51). THE LATIN EPIC.
The history of the Latin Epic; detailed study of the *Æneid.* *Five hours a week, spring quarter.* Professor Howe.

112. THE POETRY OF OVID.
The reading in English of the complete works of Ovid. Special critical studies in the *Metamorphoses.* The influence of Ovid on later writers. *Five hours a week, fall quarter.* Professor Howe.

113. THE GREEK EPIC.
Epic as a literary form; the *Iliad* and *Odyssey;* origins, Mycenaean civilization, literary characteristics, comparison of the chief English translations, comparison with Norse, Latin, Italian, and English epic. *Five hours a week, winter quarter.* Professor Bernard.

121. LESSING AND SCHILLER AND THEIR CONTEMPORARIES IN ENGLISH TRANSLATION.
Their lives and works. Their philosophical, theological, social, and literary views, and their indebtedness to previous men of letters in different countries. The influence of these authors on German and foreign thinkers and writers. Lectures. Reports. *Five hours a week, winter quarter.* (Not given in 1932.) Professor Metzenthin.

123. GOETHE IN ENGLISH TRANSLATION.
Study of the man, thinker, and poet in connection with the German and general European movements of thought and literature in his time. Lectures and reports. *Five hours a week, spring quarter, 1932.* (Not given in 1931.) Professor Brown.

125. MILTON.
The works of Milton are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study. *Five hours a week, fall quarter.* Professor Taylor.

151 (54). THE MIDDLE AGES. This course alternates with course 152.
A survey of mediæval France, England, Germany, Spain, Italy, and Byzantium, from the point of view of civilization and especially of art and literature. (Given in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

152 (57). THE RENAISSANCE. This course alternates with course 152
An account of the establishment of modern European culture. Lectures on the history, science, fine arts, literary scholarship, and literature of the Renaissance in Italy, France, Germany, the Netherlands, and England. *Five hours a week, fall quarter.* Professors Holmes (Chairman), Adams, Lyons.

155 (36). GREEK DRAMATIC LITERATURE.
A course designed to embrace the origin, development, technique, and content of Greek drama, with emphasis on tragedy. An interpretation of Greek life and thought as contributing to world progress. *Five hours a week, winter quarter.*

156 (56). DANTE IN ENGLISH TRANSLATION.
The *Vita Nuova* and the *Divine Comedy;* the precursors of Dante and the poets of the *dolce stil nuovo.* Special studies of Dante's political and social philosophy,

with particular emphasis on Dante as a poet and as a guide. *Five hours a week, fall quarter.* Professor Huse.

157 (58). CERVANTES AND ENGLISH LITERATURE. Junior, Senior, and Graduate elective.

Consideration of the Romances of Chivalry in Spain; study of Cervantes's *Don Quixote* and the *Exemplary Novels* in English translation. *Five hours a week, spring quarter.* Professor Stoudemire.

159. FRENCH CLASSIC DRAMA.

A general survey of the origins of classicism in France. Assigned readings in the Greek and Latin dramatists with emphasis on the modification of their art which explains the masterpieces of the French 17th century. The greater part of the course will be given over to the plays of Corneille, Molière, Racine and their contemporaries. The decline of classicism in France; the gradual breaking down of classic standards, and the evolution toward an unrestricted drama. *Five hours a week, spring quarter.* Professor——.

161 (68). COMPARATIVE DRAMA. Junior, Senior, and Graduate elective.

A general survey of the drama and the theatre from Aeschylus to Ibsen. Special attention is given to the function of the drama in representative plays of the leading European dramatists. *Five hours a week, winter quarter.* Professor Koch.

162 (71). THE MODERN DRAMA. Junior, Senior, and Graduate elective.

A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (Given in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch.

163 (78). LITERARY CRITICISM. Junior, Senior, and Graduate elective.

The Principles which have animated classical, romantic, and realistic literature. *Five hours a week, spring quarter.* Professor ——.

185 (85). INTRODUCTION TO FOLKLORE. Senior and Graduate elective.

A study of folk literature and its cultural significance; of the theories of origin of themes; of the various types, such as the ballad, legend, myth, tale, and proverb. Methods of gathering folklore are evaluated. *Five hours a week, winter quarter.* Professor Boggs.

190 (90). DIRECTED READING. Open only to seniors and graduates who receive permission from the Chairman of the Department. *Equivalent of three hours a week, fall, winter, and spring quarters.*

DEPARTMENT OF GEOLOGY

Professors COBB, PROUTY; Visiting Professor MORSE; Associate Professor *SWARTZ; Assistant Professors MACCARTHY, *BYNUM, Instructor MARTIN; Teaching Fellow HOLLAND; Assistants BYERLY; SCOTT, CLINARD, ALEXANDER, MAURICE, PERKINS, KURALT.

5. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Required of Freshmen in the School of Commerce. Elective for A.B. in Education.

Lectures and laboratory work. The first part of the course deals briefly with weather and climate, origin and nature of soils, and the chief natural divisions

* Absent on leave, 1930-1931.

of the world. *Five hours a week, every quarter. Materials fee, $3.50.* Professor Bynum.

11-12 (1-2). INTRODUCTION TO GEOLOGY.
Lectures with laboratory and field work; laboratory work in the first quarter on common minerals and rocks, and map interpretation; in the second quarter on geological folios and the more common fossils. The first quarter deals with physical geology, with physiographic processes and their results; the second quarter is a study of the outlines of historical geology. Geology 11 is offered during the summer on the transcontinental tour also. *Four lecture and four laboratory hours a week, fall and winter or winter and spring quarters. Geology 11 repeated in spring quarter. Laboratory fee, $3.00 a quarter.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistants.

41 (27). PRINCIPLES OF GEOLOGY. Prerequisite, Geology 11-12.
Principles of geology, including the history of geological science; lectures, field work, and library work, with reports, including a report on the surficial geology of a selected area at a distance from Chapel Hill. *Five hours a week, spring quarter. Laboratory fee, $3.00.* Professor Cobb and Assistant.

43-44 (3-4). MINERALOGY. Prerequisite, Geology 11-12, Chemistry 1-2.
Crystallography, physical and chemical properties of minerals, blow-pipe analysis; lectures, laboratory work, and field work. *Two lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, $5.00 a quarter.* Professor MacCarthy.

45 (8). METEOROLOGY.
A study of the atmosphere and the factors controlling the weather; the making and interpretation of weather maps; weather forecasting. *Five hours lectures and equivalent laboratory a week, winter quarter. Laboratory fee, $2.50.* Professor MacCarthy.

46 (6). PHYSICAL GEOGRAPHY.
This course is to be based on a standard text-book of physical geography and will cover the same ground as is covered by standard courses of college grade in this subject. Special attention will be paid to the economic aspects of the subject. It is proposed to have a minimum of fifty-five lecture and laboratory (two-hour) periods. This course is offered for the transcontinental tour only. Credit, one course. Professors Cobb, MacCarthy, Bynum.

47 (29). PALEONTOLOGY. Prerequisite, Geology 11-12.
Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50. Professor MacCarthy.

48-49 (91-92). SUMMER FIELD COURSE IN GEOLOGY. Prerequisite, Geology 11-12.
A six weeks' course to be given in North Carolina and bordering states. In this course economic, structural, and stratigraphic geology and geological mapping will be emphasized. This course will coincide with the scheduled six weeks' summer school course. This course may also be taken with transcontinental tour. *Equivalent of five hours a week for two quarters.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistant.

51-52 (21-22). INDUSTRIAL AND COMMERCIAL GEOGRAPHY.
Lectures, library work, and laboratory work. The course deals with man's interaction with his varying environments in the development of industries, and with the geographic conditions of different countries as giving rise to commerce. *Five hours a week, fall and winter quarters. Laboratory fee, $2.50 a quarter.* Professor Cobb, Mr. Byerly.

53 (23). HUMAN GEOGRAPHY.
The course consists of the principles studied in Geology 51-52 in their application to some one of the continents. *Five hours a week, spring quarter. Laboratory fee, $2.50.* Professor Cobb, Mr. Byerly.

56 (26). ADVANCED WORK IN PHYSIOGRAPHY. Prerequisite, Geology 11-12.
Lectures, field work, and laboratory work, dealing in detail with physiographic processes and their results; geomorphology. An extended field study is required in this course. *Three hours a week, lectures and laboratory, spring quarter. Laboratory fee, $2.00.* Professor Cobb.

61-62 (24-25). ORIGIN AND NATURE OF SOILS. Prerequisite, Geology 11-12, 43-44, Chemistry 1-2.
Lectures, field work, laboratory work, and theses. The course is given primarily for men who wish to enter the State or Federal Soil Surveys or to engage in farming. Students in this course are expected to keep Saturday open for field work. *Five hours a week, lectures and laboratory, winter and spring quarters. Laboratory fee, $2.50 a quarter.* Professor Cobb and Assistants.

Courses for Graduates and Advanced Undergraduates

107 (18-19-20). ENGINEERING GEOLOGY. For students in Engineering. *Three hours a week, lectures and laboratory, winter quarter. Laboratory fee, $3.50.* Professor Prouty.

111-112 (11-12). ECONOMIC GEOLOGY. Prerequisite, Geology 11-12, 43-44, Chemistry 1-2.
Lectures, laboratory work, and reports. During the fall quarter the nonmetallic minerals will be studied. The metallic minerals will be considered in the winter quarters. *Five hours a week, lectures and laboratory, fall and winter quarters.* (1931-1932 and alternate years.) *Laboratory fee, $3.50 a quarter.* Professor Prouty.

121-122 (15-16). STRUCTURAL AND FIELD GEOLOGY. Prerequisite, Geology 11-12.
Lectures, with laboratory, field work, problems, and conferences. The first quarter deals with structural geology and map interpretation; the second quarter quarter with geological note taking, surveying, map making, and field practice. (1932-1933 and alternate years.) *Five hours a week, lectures and laboratory, fall and winter quarters. Laboratory fee, $3.50 a quarter.* Professor Prouty and Assistants.

123 (17). OIL GEOLOGY. Prerequisite, Geology 121-122.
Lectures, laboratory work, and reports. A study of the origin, distribution, and accumulation of petroleum, with special relation to the oil fields of North America; methods of prospecting for oil, recovery of oil, the valuation of oil properties. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50.* Professor Prouty.

131 (61). ADVANCED CRYSTALLOGRAPHY.
This course includes a detailed consideration of the nature of crystals and crystalline substances, the use of both contact and reflecting goniometer, and crystal drawing. Open to students who have had Chemistry 1-2 and Geology 43-44. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50. Professor MacCarthy.*

133 (13). PETROLOGY. Prerequisite, Geology 11-12, 43-44, Chemistry 1-2.
Laboratory work on rocks; a study of the origin, classification, and distribution of rocks. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50.* Professor Prouty and Assistant.

134 (14). PETROGRAPHY. Prerequisite, Geology 11-12, 43-44, Chemistry 1-2.
Lectures, laboratory work on the microscopic physiography of the rock forming minerals; optical mineralogy and the theory of light as applied to the polarizing microscope; minerals as observed in thin rock sections. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, $3.50.* Professor Prouty.

141-142-143 (51-52-53). ADVANCED FIELD WORK AND SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY.
Problems and work adapted to the special needs of the student. For graduates and for specially prepared Seniors. Students in this course are expected to keep Saturday open for field work. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Five hours a week, fall, winter, and spring quarters.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistants.

148-149 (93-94). SUMMER FIELD COURSE IN GEOLOGY.
This course is similar to 48-49 but is to be given in alternate years and in a different type of geological area.

171-172-173 (71-72-73). ADVANCED PALEONTOLOGY.
A study of the classification and generic and specific determination of the invertebrata, chiefly fossil. *Five hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, $3.50 a quarter.* Professor Swartz.

174-175-176 (74-75-76). ADVANCED PALEONTOLOGY.
A study of the anatomy, classification, and generic and specific determination of the higher invertebrata, chiefly fossil. (Given in 1932-1933, and in alternate years.) *Five hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, $3.50 a quarter.* Professor Swartz.

181-182-183 (81-82-83). ADVANCED HISTORICAL GEOLOGY. Prerequisite, Geology 11-12.
A study of the principles of historical geology and stratigraphy, the history of stratigraphic geology, the origin of the earth, and the geography, life, and geologic events of the Archaeozoic, Proterozoic, and Paleozoic eras of the earth's history. *Five hours a week, fall, winter, and spring quarters.* Professor Swartz.

191, 192, 193 (55, 56, 57). APPLIED GEOPHYSICS. Prerequisite, Mathematics 24, 25.
A survey of geophysical methods used for the detection of ore deposits, oil, etc.; a description of geophysical instruments and their use; actual geophysical surveys of selected areas about Chapel Hill. *Three lecture and four laboratory hours a week, fall, winter, and spring quarters.* Professor Swartz.

Courses for Graduates

304-305-306 (104-105-106). SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY.
The student is expected to devote six weeks to work in the field, accompanied by the instructor, and to work up his results during the first quarter of the college year. The entire research constitutes three courses. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Equivalent of five hours a week, fall, winter, and spring quarters.* Professors Cobb, Prouty, Swartz, MacCarthy.

307-308-309 (107-108-109). SPECIAL RESEARCH.
Special Research in economic geology, in historical geology, in paleontology, petrology and petrography, and in geography, two quarters of which must be

taken as a seminar course. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Equivalent of five hours a week, fall, winter, and spring quarters.*

The Geological Seminar meets weekly for the review and discussion of current geological literature, and for the presentation of original papers

DEPARTMENT OF GERMANIC LANGUAGES

Professors TOY, BROWN; Associate Professor METZENTHIN; Instructors MATTHEWS, †BELL, COLLINS.

Courses for Undergraduates

1-2. ELEMENTARY COURSE.

Grammar: written and oral exercises; translation; sight reading. This course may be counted for credit toward the A.B. degree provided it is followed by German 3-4 and 21 or 22 or 31 or 32. It may be counted for credit as an elective by students who have selected for their language requirements two other foreign languages. *Five hours a week, every quarter.* Professor Metzenthin, Messrs. Matthews, †Bell, Collins.

3-4. INTERMEDIATE COURSE. Freshman and Sophomore elective. Prerequisite, German 1-2 or the equivalent.

Translation, sight reading, composition, grammar, oral exercises. One section of German 4 will be offered for those who are especially interested in science, provided the teaching force of the department is not already fully occupied. *Five hours a week, every quarter.* Professors Brown, Metzenthin, Messrs. Matthews, †Bell, Collins.

21. INTRODUCTION TO GERMAN LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.

Lessing: *Minna von Barnhelm;* Schiller: *Die Jungfrau von Orleans.* Lectures. Outside reading. *Five hours a week, fall or winter quarter.* Professor Toy.

22. INTRODUCTION TO GERMAN LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.

Schiller: *Wilhelm Tell;* Goethe: *Iphigenie auf Tauris,* or *Egmont.* Lectures. Outside reading. *Five hours a week, winter or spring quarter.* Professor Toy.

31, 32 (25, 26). GERMAN LITERATURE OF THE NINETEENTH CENTURY. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.

Wide reading from the best authors. Course 31 or 32 may be taken separately for credit. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Brown.

Courses 21, 22, 31, 32 are of the same grade. They present an introduction to the study of German literature.

51 (11). *PRACTICE IN WRITING AND SPEAKING GERMAN. Junior and Senior elective. Prerequisite, German 3-4.

Five hours a week, spring quarter. Professor Brown.

† Mr. Bell died in October, 1930.

* NOTE: Courses 51, 101, 102, 103, 104, 111, 203, 207, 241, 221, 223, 225 will be given if they are desired by a sufficient number of students. In any case the department reserves the right to withdraw a course for which the registration is very small. Of courses 221, 223, 225, 251 only one will be given in any quarter.

Course 51 may not be counted among the prerequisites for advanced courses.

Courses for Graduates and Advanced Undergraduates

101-102 (41-42). *GOETHE. Prerequisite, five courses in German, exclusive of German 51. This course may be elected only after consultation with the instructor.

Study of his life. Reading and interpretation of representative works. Lectures and reports. *Five hours a week, two quarters, on application.* Professor Brown.

103-104 (43-44). *GOETHE'S FAUST. Prerequisite, five courses in German, exclusive of German 51. This course may be elected only after consultation with the instructor.

Goethe: *Faust,* Parts I and II. *Five hours a week, two quarters, on application* Professor Toy.

111 (45). *GERMAN DRAMA IN THE NINETEENTH CENTURY. Prerequisite, six courses in German, exclusive of German 51.

Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann. Reading, lectures, reports. *Five hours a week, one quarter, on application.* Professor Brown.

For Courses 121 and 123, see Comparative Literature, Courses 121 and 123.

Courses Primarily for Graduates

201 (101). *GOTHIC. Prerequisite, six courses in German, exclusive of German 51.

Braune's *Gotische Grammatik,* or Wright's *Gothic Grammar;* select parts of Paul's *Grundriss der Germanischen Philologie.* Introduction to Germanic Philology. *Five hours a week, one quarter, on application.* Professor Toy.

203 (103). *OLD HIGH GERMAN. Prerequisite, six courses in German, exclusive of German 51.

Braune's *Althochdeutsche Grammatik;* Braune's *Althochdeutsches Lesebuch. Five hours a week, one quarter, on application.* Professor Toy.

207 (107). *MIDDLE HIGH GERMAN. Prerequisite, six courses in German, exclusive of German 51.

Middle High German grammar. Wide reading. *Five hours a week, one quarter, on application.* Professor Brown.

241 (109). *THE ROMANTIC SCHOOL IN GERMANY.

Five hours a week, one quarter, on application. Professor Brown.

221 (111). *INTRODUCTION TO COMPARATIVE PHILOLOGY. Prerequisite, one classical and one modern foreign language. This course may be elected only after consultation with the instructor.

Theories of the origin and development of human speech; primitive languages. (American Indian); classification and history of languages; peculiarities of the Semitic branch (Hebrew); the Indo-European branch; classical languages; Baltic Slavonic and Romance group (especially French); Germanic family. *Five hours a week, one quarter, on application.* Professor Metzenthin.

223 (43). *GERMANIC PHILOLOGY. Prerequisite, advanced English and German.

After a survey of the Indo-European family of languages the pre-historic, Primitive Germanic language is explained and from it, as their source the various Germanic dialects are traced and their historical developments dis-

* NOTE: Courses 51, 101-102, 103-104, 111, 201, 203, 207, 241, 221, 223, 225 will be given if they are desired by a sufficient number of students. In any case the department reserves the right to withdraw a course for which the registration is very small.

Of courses 221, 223, 225, 251 only one will be given in any quarter.

cussed. An introduction to the reading and interpretation of Germanic manuscripts will be given. Seminary course. Credit will be given only for research work of scholarly character. *Five hours a week, one quarter, on application.* Professor Metzenthin.

225 (115). OLD SAXON.
Introduction to the grammar and syntax of the Old Saxon dialect. Comparison with Gothic, Old High German and Old English. Study of "Heliand" and "Genesis" as well as of the minor Low German prose documents of the 9th and 10th centuries, based on Otto Basler, *Altsächsisch* (Freiburg, 1923). *Five hours a week, one quarter, on application.* Professor Metzenthin.

251 (117). HISTORY OF GERMAN LITERATURE FROM 1500 TO 1750.
Stress is laid on the religious (polemic, lyric) literature of the German reformation in the 16th century, with Luther as the spiritual center and as the founder of the modern German language; on the overwhelming influence of foreign literature during the 17th century; and on the reaction in the first half of the 18th century. *Five hours a week, one quarter, on application.* Professor Metzenthin.

DEPARTMENT OF HISTORY AND GOVERNMENT

Professors CONNOR, HAMILTON, WAGSTAFF, PIERSON, WOODHOUSE, GARRETT, CALDWELL, MACKINNEY; Associate Professors FRASER, GREEN; Assistant Professors JENKINS, CRITTENDEN; Instructors MEADE, BARNES, CORBITT, PEGG; Teaching Fellows SARTAIN, DICKSON, WHARTON

*HISTORY

Courses for Undergraduates

1-2-3 (1-2). FOUNDATIONS OF MODERN HISTORY.
A general course dealing with the fundamental factors in modern civilization in Europe and the United States. The emphasis of the course will rest upon the commercial revolution, European expansion, the Protestant Revolt, colonial and dynastic rivalry, the Old Regime, the French Revolution, the Industrial Revolution, the rise of democracy, the growth of modern imperialism, and the course of modern international relations. Textbooks and readings. *Three hours a week, every quarter.* Professors Garrett, MacKinney, Green, Crittenden; Messrs. Meade, Barnes, Corbitt, Pegg.

Note. History 1-2-3 or the equivalent are prerequisite to all other courses in this department.

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* NOTE: Regulations as to undergraduate majors in the Department of History and Government:

1. History courses 12-49, inclusive, and Government courses 21-22, except as provided below, are not to be credited towards fulfilling the requirements of the major.

2. The major in History and Government shall consist of eight approved courses; provided, however, that the Department may reduce this requirement to six, (a) in the Division of European History for students who have passed with distinction (i. e. with a grade of A or B) either History 41-42 or History 45-46; (b) in the Division of American History for students who have passed with distinction History 47-48; (c) to seven courses in the Division of Government for students who have passed with distinction either Government 21 or Government 22 and to six courses for students who have passed with distincton both of these courses.

3. For purposes of the major, the courses of the Department will be considered as having been divided into three "Divisions of Specialization:" (1) the Division of European History, (2) the Division of American History, and (3) the Division of Government.

4. Having chosen his "Division of Specialization," the student must take at least five out of his eight courses from that division, but this number may be reduced to four in the case of students who may be credited as stated above with History 41-42, History 45-46, History 47-48, and with Government 21 or Government 22. The remaining courses of his major he may elect from the other two divisions.

12. AMERICAN BIOGRAPHY. Sophomore elective. Open to qualified Freshmen also.

A general survey of the lives of a selected group of distinguished Americans and a study of their influence upon the history of the United States. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Green.

41-42 (5-6). ANCIENT HISTORY: GENERAL COURSE. Sophomore elective.

A course dealing with the history of the Orient, Greece, and Rome to the time of Constantine. Particular attention will be paid to social and economic conditions and cultural and religious developments. *Five hours a week, winter and spring quarters.* Professor Caldwell.

45-46 (3-4). ENGLISH HISTORY: GENERAL COURSE. Sophomore elective.

The purpose of this course is to convey a good working knowledge of English history and broaden it into a survey of the part the Anglo-Saxon race has played in world history. Textbook, readings, and lectures. *Five hours a week, fall and winter quarters.* Professor Wagstaff.

47-48 (7-8). AMERICAN HISTORY: GENERAL COURSE. Sophomore elective.

A general survey of the history of the United States, European background, discovery and exploration, colonization, revolution, independence, federation, western expansion, democracy, slavery, civil war, reconstruction, business and politics, progressive movement, and world politics. Lectures, text-books, and readings. *Five hours a week, fall and winter or winter and spring quarters.* Professor Crittenden.

51 (31). THE ORIENT AND EARLY GREECE.

An advanced course in the history of the Bronze Age in the Mediterranean, the beginning of civilization in Egypt, Babylonia, Syria and Palestine, and Crete, and the history of their development down to the time of the Persian Empire. Attention will be given to the hieroglyphics and cuneiform scripts, to economic conditions, governments and law, artistic and literary achievements, and religion. (Offered in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

52 (32). GREECE: THE CLASSICAL PERIOD.

A history of the classical period of Ancient Greece: the Homeric Age, the Expansion of the Hellas, the Renaissance of the Aegean, the Fifth and Fourth Centuries to the death of Alexander. Particular attention will be given to the growth of democracy, social and economic aspects, artistic, literary, and religious developments. (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

53 (33). HELLENISTIC GREECE AND THE ROMAN REPUBLIC.

A survey of the world into which Rome entered, the political, economic, and social conditions of the Eastern Mediterranean, Hellenistic art, literature, and religion, the establishment and growth of the Roman Republic, Roman expansion throughout the Mediterranean, the growth of Roman culture, the Roman Revolution, and the foundation of the Empire. (Offered in 1932-1933 and in alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

54 (34). THE ROMAN EMPIRE AND THE EARLY MIDDLE AGES.

A survey of history from Augustus to Charlemagne; the organization and administration of the Roman Empire, social, economic, and religious conditions and developments, the collapse of ancient civilization, the Germanic invasions, the foundation of feudalism and the Medieval Church, Charlemagne and the

Empire. (Offered in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

64 (74). EARLY MEDIEVAL EUROPE: THE "DARK" AGES, (500-1000).

The Germanic kingdoms after the breakup of the Western Roman Empire; the Frankish Empire and the Papacy; Charlemagne; breakup of the Carolingian Empire; renewed invasions; beginnings of feudalism; the civilization and culture of the "Dark" Ages; the Church, schools, the arts, literature. *Five hours a week, fall quarter.* Professor MacKinney.

65 (75). EUROPE IN THE CRUSADING AGE (1000-1300).

The rise of national monarchies, of chivalry, of towns, and the Church; the expansion of Europe in the Crusades and the accompanying expansion of political, economic, religious, and cultural life; the struggle between Church and State; the rise of Universities; Romanesque and Gothic architecture; literature; the climax of mediæval civilization in the XII and XIII Centuries. *Five hours a week, winter quarter.* Professor MacKinney.

66. (76). RENAISSANCE (1300-1600).

The evolution of modern civilization in Italy and the transalpine countries; the blending of medieval and classical elements; the political and economic background; the rise of national states and vernacular literatures; the arts; literature; humanism; education; discovery and invention. *Five hours a week, spring quarter.* Professor MacKinney.

81 (51). THE AMERICAN COLONIES, 1606-1689.

A general survey of the European background of American society and institutions and the rival territorial claims of the colonizing nations; followed by an intensive study of the influences and motives behind English colonization in America, the founding of England's continental colonies, their political, social, and economic development, and their relations to each other and to the British Empire as a whole. Lectures, readings, and reports. *Five hours a week, fall quarter.* Professor Connor.

82 (52). THE AMERICAN COLONIES, 1689-1783.

A general survey of the colonies as a whole at the opening of the eighteenth century, followed by an intensive study of their social, economic, and political development, immigration, conquest and westward expansion, their imperial relations and part in international rivalries, constitutional controversies and development of colonial self-government, intercolonial relations, revolution and independence, Federal relations and the formation of the American Union. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Connor.

91 (14). THE UNITED STATES AND LATIN AMERICA.

A course concerned with the diplomatic relations developed between the states of the Western Hemisphere from 1810 to the present. The chief interest will be in the relations of the United States and the Latin American countries. In the course such topics will be treated as the problems of recognition, the Monroe Doctrine, expansion, intervention, "headship" of the United States, Pan-Americanism, arbitration, trade and cultural relations. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Pierson.

Courses for Graduates and Advanced Undergraduates

101. PERIOD STUDIES IN GREEK HISTORY.

This course will be devoted to an intensive study of the sources, literature and historical problems of a selected period of Greek History. For the year 1931-1932 attention will be directed to the history of the Greek World from the

end of the Peloponnesian War, 404 B.C., to the battle of Chæeonea in 338 B.C., with special interest in the social and economic phases of the period. (Offered in 1931-1932.) *Five hours a week, winter quarter.* Professor Caldwell.

102. PERIOD STUDIES IN ROMAN HISTORY.
A course in a selected period of Roman History, given for the same class of students and under the same conditions as History 101. The period to be treated in 1932-1933 will be the Augustan Age. (Offered in 1932-1933.) *Five hours a week, winter quarter.* Professor Caldwell.

121. MEDIEVAL CIVILIZATION.
An intensive study of the classical cultural heritage of the Middle Ages; medieval "revivals" of learning during the eras of Theodoric the "Civilizer," Charlemagne, Alfred, Otto I, and the eleventh-twelfth centuries; the problem of the cultural "Dark Age" and "Renaissance"; the evolution of medieval culture; ecclesiastical and secular architecture; sculpture and painting; the literature of the clergy, nobility, and common folk; historical writing, science, philosophy; the development of schools and universities; music. Lectures, library reading, and reports. (Offered in 1931-1932.) *Five hours a week, spring quarter.* Professor MacKinney.

122. SOCIAL-ECONOMIC HISTORY OF THE MIDDLE AGES.
An intensive study of the social and economic life of the medieval clergy, nobility, city folk, and peasantry; agricultural life and the development of the manorial system; industrial life and the rise of craft guilds; local and distant commerce; fairs, trade-routes, and the development of business technique; merchant guilds and leagues; the influence on social-economic life of the decline of Rome, the coming of the Teutons, the Church, the Crusades, and voyages of discovery. Lectures, library reading, and reports. (Offered in 1932-1933.) *Five hours a week, spring quarter.* Professor MacKinney.

131 (37). THE PROTESTANT REVOLT.
An intensive study of religious, political, intellectual, and economic conditions on the eve of the Protestant Revolt, of the movements led by Luther, Zwingli, Calvin, Knox, and Henry VIII, and of the Catholic Reformation. (Offered in 1931-1932.) *Five hours a week, spring quarter.* Professor Garrett.

132 (45). THE RISE OF ABSOLUTISM IN EUROPE.
A detailed study of the Thirty Years War, France under Henry IV, Richelieu, Mazarin, and Louis XIV, the rise of Prussia, Sweden from Gustavus Adolphus to the death of Charles XIII, the decline of Poland and Turkey, and the development of Russia to the death of Peter the Great. (Offered in 1932-1933.) *Five hours a week, spring quarter.* Professor Garrett.

133 (40). THE FRENCH REVOLUTION.
An intensive study of the causes, events, and results of the French Revolution. (Offered in 1931-1932.) *Five hours a week, fall quarter.* Professor Garrett.

134 (42). THE NAPOLEONIC PERIOD.
A detailed study of the chief events and movements of the Napoleonic period. Particular attention will be paid to the immediate effects of the period on the states surrounding France and to the permanent results of the period in Europe. (Offered in 1931-1932.) *Five hours a week, winter quarter.* Professor Garrett.

135 (43). RISE OF DEMOCRACY AND NATIONALISM IN MODERN EUROPE.
An intensive study of the period of restoration and reaction, the revolutions of 1830 and 1848, the rise of socialism, the unification of Italy and of Germany, France under Louis Philippe, the Second French Republic, and Napoleon III. (Offered in 1932-1933.) *Five hours a week, fall quarter.* Professor Garrett.

136 (44). RECENT AND CONTEMPORARY EUROPEAN HISTORY.
A study of the recent history of France, Germany, Italy, Austria-Hungary, and Russia, the causes of the Great War, the chief events of the war, the treaties of peace, the attempt to organize the world after the war, and recent movements in Europe. (Offered in 1932-1933.) *Five hours a week, winter quarter.* Professor Garrett.

137 (39). ENGLAND IN THE NINETEENTH CENTURY.
The purpose of this course is to effect an intensive treatment of a relatively short period of English history, that from 1815 to 1915. The course will develop England's national and imperial story, her international relations, and her contributions to the history of the age. Lectures and readings. *Five hours a week, spring quarter.* Professor Wagstaff.

151 (53). THE FEDERAL PERIOD (1783-1815).
An intensive study is made of the government under the Articles of Confederation, the formation and adoption of the Federal Constitution, the nature of the Union, the launching of the government, Jeffersonian democracy, the westward movement, and the Second War for Independence. Text book, lectures, readings, and reports. (Offered in 1932-1933.) *Five hours a week, fall quarter.* Professor Green.

152 (54). THE ANTE-BELLUM PERIOD (1815-1860).
A social, economic, and political study of the period—the westward movement, states' rights philosophy, Jacksonian democracy, development of Nationalism, controversy over negro slavery, the rise of Southern Rights, and the causes of the stroke for Southern Independence. Text book, lectures, readings, and reports. (Offered in 1931-1932.) *Five hours a week, fall quarter.* Professor Green.

153 (55). SECESSION AND CIVIL WAR.
Beginning with a rapid survey of the states' rights theory and of the secession movement before 1860, the course deals with the important constitutional, political, and economic aspects of the Civil War in the United States. Lectures, readings, and reports. (Offered in 1932-1933.) *Five hours a week, winter quarter.* Professor Hamilton.

154 (56). THE RECONSTRUCTION PERIOD.
A course dealing with the constitutional, political, social, and economic aspects of the period from the close of the Civil War in 1865 to the restoration of home rule in the South in 1877. Lectures, readings, and reports. (Offered in 1931-1932.) *Five hours a week, winter quarter.* Professor Hamilton.

155 (57). RECENT AMERICAN HISTORY, 1876-1898.
In this course emphasis will be placed upon the influence of the Civil War and Reconstruction upon subsequent American history; the war amendments in theory and practice; business and politics; the Granger movement; the currency question; the tariff legislation; the trust problem; foreign relations; the Spanish-American War and its results; party politics; political dissent; and interpretation of democracy. Lectures, text books, and readings. (Offered in 1931-1932.) *Five hours a week, spring quarter.* Professor Pierson.

156 (58). RECENT AMERICAN HISTORY, 1898-1920.
Continuation of History 155. A course dealing with the political, economic, social, and diplomatic history of the United States from 1898 to 1920. Conservatism, moderation, and radicalism in politics and economics; social legislation; American imperialism and increased participation in international relations; the World War; and the problems of peace. Lectures, textbooks, and readings. (Offered in 1932-1933.) *Five hours a week, spring quarter.* Professor Pierson.

161 (59). NORTH CAROLINA, 1663-1789.
General survey of the settlement of North Carolina and its territorial expansion; the origin and development of its political institutions; the influences affecting its growth and development; immigration and the development of social and economic life; political and constitutional controversies; intercolonial and imperial relations; revolution and independence; the adoption of a constitution and organization of the state government; Federal relations and formation of the Federal Union. Lectures, readings, and reports. *Five hours a week, fall quarter.* Professor Connor.

162 (60). NORTH CAROLINA, 1789-1900.
General survey of conditions at the close of the 18th century; origin and development of political parties; sectional controversies; political and constitutional development; education, internal improvements, and railroads; Federal relations; the slavery controversy; secession, civil war and reconstruction; restoration of home rule; the rise of Populism; the era of fusion; "white supremacy"; recent political, educational, and industrial development. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Connor.

163 (61). THE SOUTH, 1789-1860.
A course dealing with the Southern States in the period preceding the Civil War, in which emphasis will be laid upon social, economic, and political organization and movements. Lectures, readings, and reports. (Offered in 1931-1932.) *Five hours a week, winter quarter.* Professor Hamilton.

164 (62). THE SOUTH, 1877-1925.
A course which deals with the economic, social, and political development of the Southern States since the close of Reconstruction. Emphasis will be laid upon the rise of industry in the South and its results. Lectures, readings, and reports. (Offered in 1932-1933.) *Five hours a week, winter quarter.* Professor Hamilton.

165 (63). HISTORY OF THE WEST.
A study of the westward movement of civilization from 1763 to the opening of the 20th Century in the area now comprising the United States; the conditions and processes of migration into the various areas; and the social, economic, and political influence of the frontier. Text book, lectures, readings, and reports. (Offered in 1931-1932.) *Five hours a week, winter quarter.* Professor Green.

166 (64). THE FRONTIER IN AMERICAN HISTORY.
A study of the general significance of the frontier in American civilization; the problems of the West, its contributions to American Democracy, Western ideals, and the reaction of the frontier influences upon the East. Lectures, readings, and reports. (Offered in 1932-1933.) *Five hours a week, winter quarter.* Professor Green.

167 (65). ECONOMIC HISTORY OF THE UNITED STATES.
This course will deal with the economic materials, institutions, conflicts, and transitions in the history of the United States from its origin as a part of the British Economic Empire to its development as one of the economic powers in the present world, with some regard for the social and political implications involved in this development. *Five hours a week, spring quarter.* Professor Crittenden.

168 (66). SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES. (Education 143).
The social and educational institutions and practices of the United States are traced through: (a) The period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions;

and (c) the period of development of a social and an educational system of free common schools, high schools, and higher and technical education in harmony with the political and social ideals and institutions of America. Textbook, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

Courses for Graduates

201ab (151ab). HISTORIOGRAPHY.
Lectures, conferences, readings, and reports. The first quarter will be concerned with methods of research, schools of interpretation, and the interrelation of history with the other social sciences. The second quarter will be a seminar in the history and bibliography of history. Required of all graduate students in history and government. *Three hours a week, fall and winter quarters.* Professor Caldwell.

211 (119). THE ENGLISH BACKGROUND OF THE AMERICAN REVOLUTION.
A survey of England's eighteenth century political, social, and economic conditions and their relations to the American Revolution. Lectures and reports. *Five hours a week, fall quarter.* Professor Wagstaff.

220 (120). PRELIMINARIES OF THE AMERICAN REVOLUTION.
A study of the background and causes of the American Revolution. Lectures and reports. (Offered in 1932-1933.) *Five hours a week, spring quarter.* Professor Connor.

221. THE WAR OF AMERICAN INDEPENDENCE.
A study of its political, social, and economic aspects. Lectures, readings, and reports. (Offered in 1931-1932.) *Five hours a week, spring quarter.* Professor Connor.

271 (70). HISPANIC-AMERICAN HISTORY: The Colonial Period and the Wars of Independence.
In this course a general survey will be made of Spanish and Portuguese America from the establishment of colonial settlements through the wars of independence. A study of the transplantation of Hispanic civilization in language, customs, religion, trade, and political institutions; Indian relations; labor and social conditions; education and industry; the causes and events of the struggles for independence. Lectures and readings. *Five hours a week, fall quarter.* Professor Pierson.

272 (71). HISPANIC-AMERICAN HISTORY: Development of Nationality in South America.
The modern history of Argentina, Brazil, Chile, Uruquay, Paraguay, Peru, Bolivia, and Ecuador. Attention will be directed to the establishment of these republics, the evolution of their political theory, the struggle for political stability, the exploitation of resources, the diplomatic and commercial relations with the United States and Europe, the international problems of South America, the contemporary progress in politics and society. Lectures and readings. (Offered in 1931-1932.) *Five hours a week, winter quarter.* Professor Pierson.

273 (72). HISPANIC-AMERICAN HISTORY: Hispanic North America and the Caribbean Countries.
Emphasis in this course will be placed upon the same general factors as in History 272. The diplomatic and commercial relations of the United States and Mexico, the insular republics, the Central American countries, and Colombia, Panama, and Venezuela will receive special attention. Lectures and readings. (Offered in 1932-1933.) *Five hours a week, winter quarter.* Professor Pierson.

301abc (110abc). ANCIENT HISTORY.
A seminar in some phase of ancient history. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Caldwell.

311abc. MEDIEVAL HISTORY.
A seminar in some phase of the medieval social history. *Conference, one hour a week, fall, winter, and spring quarters.* Professor MacKinney.

321abc (113abc). MODERN EUROPEAN HISTORY.
A seminar in some phase of the Napoleonic period. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Garrett.

331abc. AMERICAN COLONIAL HISTORY.
A seminar in some selected phase. *Conference and reports, one hour a week, fall, winter, and spring quarters.* Professor Connor.

333abc (116abc). HISTORY OF THE UNITED STATES, 1783-1860.
A seminar in some phase of the history of the United States, 1783-1860. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Green.

341 (141). SEMINAR COURSE.
A research course in a special field under the direction of a member of the department.

370abc. HISPANIC-AMERICAN HISTORY.
A seminar in some selected phase. *Conference and reports, one hour a week, fall, winter, and spring quarters.* Professor Pierson.

GOVERNMENT*

Courses for Undergraduates

21 (1). THE GOVERNMENT OF THE UNITED STATES.
A general course dealing with the national government of the United States. Attention will be directed to the constitutional basis, the historical development, and the practical organization and operation of the institutions established for administering national affairs. Text-book, lectures, discussions, and readings. *Five hours a week, each quarter.* Professors Frazer and Jenkins.

22 (2). THE GOVERNMENTS OF EUROPE.
It is the purpose of this course to study the operation of the constitutional systems of the principal European governments. Emphasis is placed upon the governments of England and France. Text-book, lectures, readings. *Five hours a week, winter or spring quarter.* Professor Frazer.

Courses for Graduates and Advanced Undergraduates

121 (35). THE GOVERNMENT OF ENGLAND.
The objective in this course is a knowledge of the development and operation of the English government. Local, national, and imperial aspects of England's governmental practice will receive attention. Resemblances and contrasts between her government and that of our own country will be pointed out for the practical lessons which the parallel supplies. Lectures and readings. *Five hours a week, spring quarter.* Professor Wagstaff.

122 (42). GOVERNMENT AND ADMINISTRATION OF EUROPEAN CITIES.
A general consideration of principles and methods of social control in the municipalities of Great Britain, France, and Germany, with some attention to

* For the regulations governing the undergraduate major in Government see page 147, note.

those of other nations. Comparisons with American conditions. *Five hours a week, spring quarter.* Professor Woodhouse.

131 (38). AMERICAN STATE GOVERNMENT.
A study in the principles, organization, and administrative methods of state government. In connection with the course will be a special study of the government of North Carolina. Lectures, readings, and reports. *Five hours a week, winter or spring quarter.* Professor Jenkins.

132 (36). AMERICAN MUNICIPAL GOVERNMENT.
An historical survey of the development of governmental structure, theory, and functions in American municipalities, and careful analysis of existing municipal conditions, with special attention to city and town government in North Carolina. Each student will make an intensive study of his own or of some other city or town. *Five hours a week, fall quarter.* Professor Woodhouse.

133 (37). AMERICAN MUNICIPAL ADMINISTRATION.
Special study of the principles and problems of administration in American municipal corporations, of such functions as police, public education, charities and correction, local improvements, public health, finances, with emphasis on city and town administration in North Carolina. Each student will select and study exhaustively a municipal problem in one municipality. *Five hours a week, fall quarter.* Professor Woodhouse.

134 (43). COUNTY GOVERNMENT AND ADMINISTRATION.
A study of the forms of organization, the functions, and the operation of County Government in the United States and especially in North Carolina, in their historical development but with special emphasis on present conditions and tendencies and on possible improvements. Each student will be required to study, as extensively and as intensively as possible, the government and administration of one county, preferably his home county, and to put his results in essay form. Regular class discussion will be based on the best general texts, the North Carolina Constitution, Statutes and Supreme Court decisions, and on special studies of individual counties already made and being made in the University. A fair minimum of required reading will be assigned and wider reading encouraged. *Five hours a week, spring quarter.* Professor Woodhouse.

141 (40). INTERNATIONAL LAW.
A study will be made of the rules observed by the states of the world concerning their relations in peace and in war. Lectures and the preparation of typical cases by the students. *Five hours a week, fall quarter.* Professor Frazer.

142 (41). INTERNATIONAL RELATIONS.
The problems of nationalism and internationalism, of imperialism, and the settlement of international conflicts will be considered in this course. It is designed to introduce the student to the basic facts of world politics. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Frazer.

143 (48). AMERICAN DIPLOMACY.
The course will be concerned with a survey of the diplomatic relations of the United States from the period of the American Revolution to the World War. Particular attention will be directed to the development of American foreign policies and American contributions to International Public Law. Lectures and reports by students. *Five hours a week, spring quarter.* Professor Frazer.

151 (30). THE ELEMENTS OF POLITICAL SCIENCE.
A general course in which a study is made of the principles of political science and of the important theories respecting the nature, origin, forms, and ends

of the state and of government. An examination of the literature of the subject will be made, supplemented by students' reports on selected political theorists. Lectures, text-books, and readings. *Five hours a week, fall quarter.* Professor Pierson.

152 (50). HISTORICAL JURISPRUDENCE.
A survey of the historical development of Roman and Anglo-American law, with some consideration of their relations to the Babylonian, Greek, Hebrew, and other systems of law, and with special consideration of their influence in the modern world. *Five hours a week, winter quarter.* Professor Woodhouse.

153 (46). POLITICAL THOUGHT OF THE EIGHTEENTH CENTURY.
An analysis of political thought and philosophy, 1750-1800. Emphasis will be placed on the study of the philosophical ideas of the American and French Revolutions. Lectures and reports. *Five hours a week, winter quarter.* Professor Pierson.

154 (47). DEVELOPMENT OF THE ENGLISH CONSTITUTION.
A general course surveying the origin and development of the Constitutional machinery of the British monarchy. Emphasis will be laid on the successive Constitutional landmarks from the Norman Conquest to the Parliament Act of 1911. Lectures, text-books, and readings. *Five hours a week, winter quarter.* Professor Wagstaff.

155 (34). THE CONSTITUTION OF THE UNITED STATES.
An elementary course in constitutional law covering by means of lectures, text-books, and cases the fundamental principles of constitutional interpretation and practice in the United States. *Five hours a week, fall quarter.* Professor Jenkins.

Courses Primarily for Graduates

301abc (106abc). MODERN INTERNATIONAL RELATIONS.
Seminar in International Relations. An analysis will be made of the major problems of international relations. Emphasis will be placed upon the elements of nationalism and internationalism, imperialism, and the settlement of international disputes. *Two hours a week, fall, winter, and spring quarters.* Professor Frazer.

311abc (100abc). AMERICAN POLITICAL THEORY.
A seminar course respecting the political philosophy that has been developed in the United States. In the fall quarter the political theory of the colonial period and the American Revolution will be studied; in the winter quarter attention will be given to the theories associated with the formation of the Constitution and its early interpretation, the nature of the Union, and the slavery dispute; in the spring quarter the political theory of the Civil War and the contemporary United States will be considered. Lectures, readings, and reports. *Two hours a week, fall, winter, and spring quarters.* Professor Pierson.

321abc (110abc). SEMINAR ON STATE AND LOCAL GOVERNMENT.
Intensive studies of various functions, organs, and problems of public administration in States of the United States and in their sub-divisions. Comparison of various attempts to reorganize state administrative systems. *Two hours a week, fall, winter, and spring quarters.* Professor Woodhouse.

341 (141). SEMINAR COURSE.
A research course in a special field under the direction of a member of the department.

DEPARTMENT OF JOURNALISM

PROFESSOR COFFIN

30. COLLEGE REPORTING.
A course with a maximum credit of one full course for reporting done on the student daily under the supervision of the Department of Journalism.

31. COLLEGE EDITING.
A similar credit course for those who do the editorial work of the student newspaper.

53 (1). NEWS WRITING.
A course in elementary news writing devoted to practical work in the classroom. Prerequisite for Journalism 2. *Five hours a week, fall quarter. Laboratory fee, $2.00.* Professor Coffin.

54 (2). NEWS WRITING. Prerequisite, Journalism 1 or the equivalent.
A continuation of the work in Journalism 1, with the addition of some copy-reading. Prerequisite for Journalism 3. *Five hours a week, winter quarter. Laboratory fee, $2.00.* Professor Coffin.

55 (3). NEWS WRITING. Prerequisite, Journalism 1 and 2.
A continuation of Journalism 2, with more emphasis on head-writing and assignments. *Five hours a week, spring quarter. Laboratory fee, $2.00.* Professor Coffin.

56ab (10ab). FEATURE WRITING.
A course for advanced students in the production of feature stories and feature articles, with a view to making them marketable. Either half may be taken independently. *Three hours a week, winter and spring quarters.* Professor Coffin.

57 (11). NEWS METHODS AND TREATMENTS. A study of contemporary newspapers and of prevailing methods of handling news. Desk work. *Three hours a week, fall quarter.* Professor Coffin.

58 (12). EDITORIAL WRITING.
Comparative examination of policies and relations. Editorial writing. *Three hours a week, spring quarter.* Professor Coffin.

59 (7). WEEKLY NEWSPAPER EDITING.
A study of the functions of the weekly newspaper, with practical instruction in meeting the problems of the neighborhood news medium. *Three hours a week, winter or spring quarter.* Professor Coffin.

DEPARTMENT OF LIBRARY SCIENCE

MISS BEUST

The following courses are intended for students in the School of Education (Elementary Division); those enrolled in other curricula should consult the instructor before registering.

98 (3). CHILDREN'S LITERATURE.
In general the aim of the course is to acquaint the students with children's reading in order that they may understand the varying appeals that books make to children and thus learn to select books with consideration for the different age groups and differing reading backgrounds of children. The importance of literature made by children, children's literary tradition, classics, modern and

traditional fairy tales, poetry, nursery rhymes, fables and beast tales, myths, epics and sagas, romances, ballads, subject matter books, illustrated books, books for story telling and the history of children's literature are indicated. Practice in the writing of book notes, oral reports, discussion, and lectures. *Five hours a week, fall or spring quarter.* Miss Beust.

99 (4). BOOK SELECTION.

The object of this course is to cultivate the ability to select accurately the literature best adapted to the high school and the small public library through a study of the underlying principles and practices of the best methods. The work consists of examining, reading, and reviewing selected books from various classes such as literature, history, science, etc.; practice in the writing of book notes; a critical study of the principal aids to book selection as tools for practical use in the library; the compiling of selected lists; the checking of current book lists; discussion of American publishers; study of editions; lectures and discussion groups. *Five hours a week, winter quarter.* Miss Beust.

NOTE: Consult Summer Session catalog for other courses in Library Science.

For information about the work in the School of Library Science which opens in September, 1931, please consult the separate catalogue of that school.

DEPARTMENT OF MATHEMATICS

Professors HENDERSON, LASLEY, HOBBS; Associate Professors WINSOR, MACKIE, BROWNE, LINKER; Assistant Professors HILL, PARKER, HOYLE; Instructors CAMERON, *COKER, DILLIN, STEPHENSON; Teaching Fellows GARRETT, DENSON.

Courses for Undergraduates

2-1. FRESHMAN MATHEMATICS. Required of Freshmen.

Part 1. Logarithms and their application to computation. Solution of right and oblique triangles with problems from mechanics and physics. Trigonometric analysis.

Part 2. An elementary treatment of the straight line, circle, parabola, ellipse, hyperbola, maximum and minimum, differentiation and integration, solution of numerical equations, theory of equations. *Five hours a week, every quarter.* Professors Lasley, Mackie, Browne, Linker, Hill, Parker, Hoyle; Messrs. Cameron, Coker, Garrett, Denson.

1E. PLANE TRIGONOMETRY AND PRACTICAL MEASUREMENTS. Required of Freshmen in Engineering Courses.

Solution of right and oblique triangles by logarithms, with problems drawn from engineering practice. Selected theorems from solid geometry with special emphasis on the sphere. *Five hours a week, fall quarter.* Professors Winsor, Linker, Hill, Parker; Mr. Cameron.

2E. SPHERICAL TRIGONOMETRY AND ALGEBRA. Required of Freshmen in Engineering Courses.

Solution of right and oblique spherical triangles. A study of the elementary functions from the point of view of their graphical representation and differentiation. *Five hours a week, winter quarter.* Professors Winsor, Linker, Hill, Parker; Mr. Cameron.

3E. ANALYTIC GEOMETRY. Required of Freshmen in Engineering Courses.

A treatment of the straight line, circle, conic sections, special plane curves, transformation of coordinates. *Five hours a week, spring quarter.* Professors Winsor, Linker, Hill, Parker; Mr. Cameron.

* Resigned, January, 1931

13 (3). ANALYTIC GEOMETRY. Prerequisite, Mathematics 2 and 1.
A course in the fundamentals of analytic geometry, the straight line, circle, parabola, ellipse, hyperbola, higher plane curves, transformations of coordinates, geometry of space. *Five hours a week, every quarter.* Professors Henderson, Mackie, Parker, Hoyle.

24 (4). DIFFERENTIAL CALCULUS. Prerequisite, Mathematics 2, 1, and 13.
A study of the differentiation process and its application to geometry, physics, and mechanics, including the notions of curvature, partial differentiation, envelopes, series, expansion of functions, etc. *Five hours a week, every quarter.* Professors Henderson, Parker, Hoyle.

24E (4E). CALCULUS I FOR ENGINEERING STUDENTS. Required of Sophomores in Engineering Courses. Prerequisite, Mathematics 13 or 3E.
A study of the derivative and its applications to geometry and mechanics, expansion of functions, partial differentiation. *Six hours a week, fall quarter.* Professors Winsor, Linker, Hill.

25 (5). INTEGRAL CALCULUS. Prerequisite, Mathematics 24.
This course centers around the idea of the definite integral, considering in detail problems arising in geometry and the physical sciences, including length of curves, areas, volumes, moment of inertia, etc. *Five hours a week every quarter.* Professors Henderson, Parker, Hoyle.

25E (5E). CALCULUS II FOR ENGINEERING STUDENTS. Required of Sophomores in Engineering Courses. Prerequisite, Mathematics 24E.
The definite integral and its applications. *Six hours a week, winter quarter.* Professors Winsor, Linker, Hill.

26E (6E). CALCULUS III FOR ENGINEERING STUDENTS. Required of Sophomores in Engineering Courses. Prerequisite, Mathematics 25E.
Engineering problems involving the calculus, together with an elementary treatment of the differential equations. *Six hours a week, spring quarter.* Professors Winsor, Linker, Hill.

56 (6). ADVANCED GEOMETRY.
The geometry of the triangle and circle, inversion, poles, and polars. *Five hours a week, fall quarter.* Professor Winsor.

57 (7). ADVANCED ALGEBRA.
An advanced course in algebra for students who intend to teach elementary mathematics or to pursue advanced study in the subject. The course includes the fundamental operations, systems of equations, equations of higher degree, permutations, combinations, probability, series, theory of equations, and elimination. *Five hours a week, winter quarter.* Professor Winsor.

Courses for Graduates and Advanced Undergraduates

103 (s64a). INTRODUCTION TO HIGHER GEOMETRY. Prerequisite, Mathematics 25.
This is a teacher's course for graduate credit, especially devised for teachers who are candidates for the M.A. degree. The course deals with the properties of the triangle and circle from the modern point of view, poles and polars, harmonic division, transformation by reciprocal radii, Brocard points and circles, etc. (Summer 1932 and alternate years.) Professor Henderson.

105 (s80). HISTORY OF MATHEMATICS.
The historical development of the topics of arithmetic, algebra, geometry, trigonometry, and analytical geometry. Biographical sketches of great mathe-

maticians and their contributions to mathematics. (Summer 1931 and alternate years.) Professor Lasley.

106 (s81). THE TEACHING OF MATHEMATICS.
The purpose, value, and content of courses in high school mathematics; applications of mathematics; junior high school mathematics. Recent changes in the methods of studying mathematics. A careful study will be made of the recommendations of The National Committee on Mathematical Requirements. (Summer 1931 and alternate years.) Professor Browne.

121 (s65). THEORETICAL MECHANICS.
An introductory course in mechanics employing the methods of the calculus. (Summer 1932 and alternate years.) Professor Hobbs.

131 (50). THEORY OF EQUATIONS. Prerequisite, Mathematics 25.
Indispensable for students intending to prosecute studies in the higher branches of pure mathematics. Such subjects as the solution of equations of higher degree, transformations, determinants, elimination, invariants and covariants, and symmetric functions are treated in detail. The student is afforded a survey of the general problem and the basic principles of the formation, handling, and evolution of equations. *Five hours a week, winter quarter.* Professor Linker.

141 (51). DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 24 or 24E.
This is a course both for students intending to specialize in mathematics and for students in advanced engineering, civil, electrical, and chemical. Among the subjects treated are singular solutions, applications to mechanics, geometry, and physics, linear equations with both constant and variable co-efficients, equations involving more than two variables, partial differential equations, and spatial forms. *Five hours a week, fall quarter.* Professor Browne.

150 (s52). SYNTHETIC PROJECTIVE GEOMETRY. Prerequisite, Mathematics 25.
A geometric account of the fundamental notions of projective geometry: one-to-one correspondence, dimensionality, projective correspondence between forms of one and two dimensions, poles and polars, involution, projective and metric theory of conics. (Summer 1931 and alternate years.) Professor Lasley.

151 (53) PROJECTIVE HOMOGENEOUS COÖRDINATES AND THEIR APPLICATIONS. Prerequisite, Mathematics 25.
A study of the general homogeneous coördinates of forms of one, two, three, and four dimensions; cross ratio and its properties; ideal elements; duality; projective correspondence; transformation of coördinates; the elements of line geometry. *Five hours a week, fall quarter.* Professor Lasley.

152 (54). ANALYTIC PROJECTIVE GEOMETRY. Prerequisite, Mathematics 151.
The projective theory of binary forms; the conic as a rational curve; the conic as a ternary form; the conic from the viewpoint of the theory of correlations; functional determinants and invariants; selected topics from higher geometry. *Five hours a week, winter quarter.* Professor Lasley.

161 (55). ANALYTIC GEOMETRY OF SPACE. Prerequisite, Mathematics 25.
Spatial relations are treated from the analytic standpoint. Deals with quadric surfaces, envelopes, foci, quadriplanar and tetrahedral coordinates, developable surfaces, curves in space, curvature of surfaces, higher surfaces, etc. *Five hours a week, winter quarter.* Professor Henderson.

171 (59). ADVANCED CALCULUS. Prerequisite, Mathematics 25.
This course completes and rounds out the subject as given in Mathematics 25. Stress upon rigor in demonstration. Designed to meet the particular needs of the class, e.g., problem course on study of special functions. Thorough knowledge of calculus is the aim of the course. *Five hours a week, winter quarter.* Professor Mackie.

Courses Primarily for Graduates

206 (101). THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. Prerequisite, Mathematics 131, 141, 171.
Complex numbers, differentiation and integration, conformal mapping, linear fractional transformations, single and multiple valued functions. (1932-1933 and alternate years.) *Five hours a week, winter quarter.* Professor Mackie.

211 (61). VECTOR ANALYSIS. Prerequisite, Mathematics 121 and 141.
A study of some of the general principles of mechanics in the language of vectors. *Five hours a week, fall quarter.* Professor Hobbs.

216 (60). DYNAMICS. Prerequisite, Mathematics 211.
Differential equations of motion, equations of orbits, D'Alembert's principle, motion of a rigid body. *Five hours a week, winter quarter.* Professor Hobbs.

221 (70). PARTIAL DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 141.
Partial differential equations and their applications. *Five hours a week, spring quarter.* Professor Hobbs.

226 (62). FOUNDATIONS OF GEOMETRY. Prerequisite, Mathematics 151.
A course designed to meet the needs of students experienced in mathematical thinking. A survey of the contributions of Pasch, Peano, Hilbert, and their school to our knowledge of the foundations of geometry; a study of the axioms, of systems of geometry, etc. (1931-1932 and alternate years.) *Five hours a week, winter quarter.* Professor Henderson.

231 (104). THEORY OF NUMBERS. Prerequisite, Mathematics 131.
An elementary course in the study of the properties of the rational integers, including the study of the question of divisibility, greatest common divisor of two or more integers, solution of simple congruences, quadratic residues, quadratic reciprocity law, representation of integers by quadratic forms, equivalence of quadratic forms, etc. (1932-1933 and alternate years.) *Five hours a week, spring quarter.* Professor Browne.

236 (102). HIGHER PLANE CURVES.
A course dealing with plane curves, particularly conics, cubics, and quartics; polarity, Plücker formulas, curves of Hesse, Steiner, and Cayley; classification of cubics, intersections of curves, singularities of curves, unicursal curves. *Five hours a week, spring quarter.* Professor Lasley.

241 (103). LIE THEORY OF DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 141.
A study of differential equations from the point of view of continuous groups. (1931-1932 and alternate years.) *Five hours a week, spring quarter.* Professor Hobbs.

246 (108). MODERN HIGHER ALGEBRA. Prerequisite, Mathematics 131.
Polynomials and their fundamental properties, determinants, theory of linear dependence, linear equations, matrices, invariants, bilinear and quadratic forms. (1931-1932 and alternate years.) *Five hours a week, fall quarter.* Professor Browne.

251 (109). ELEMENTS OF NON-EUCLIDEAN GEOMETRY. Prerequisite, Mathematics 151.

The subject is treated chronologically. The contributions of Saccheri, Bolyai, Lobachewsky, Riemann, Cayley, Klein are studied, analyzed, and compared. *Five hours a week, fall quarter.* Professor Henderson.

256 (110). ALGEBRAIC INVARIANTS.

An introduction to the non-symbolic theory of invariants of binary forms with applications to geometry, followed by an explanation of the symbolic notation of Clebsch with practice in its use. Based on Dickson's *Algebraic Invariants.* (1932-1933 and alternate years.) *Five hours a week, winter quarter.* Professor Browne.

261 (105). DIFFERENTIAL GEOMETRY. Prerequisite, Mathematics 141 and 152.

A study of the metric differential geometry of curves, surfaces, and curves on surfaces, systems of curves defined by differential equations, surfaces given by two quadratic differential forms. (1931-1932 and alternate years.) *Five hours a week, spring quarter.* Professor Lasley.

266 (100). THEORY OF FUNCTIONS OF A REAL VARIABLE. Prerequisite, Mathematics 131, 171.

The real number system from the standpoints of Cantor and Dedekind, elementary theory of point sets, limits, series, implicit functions, Riemann and Lebesgue integrals. (1931-1932 and alternate years.) *Five hours a week, fall quarter.* Professor Mackie.

271 (106). INTRODUCTION TO THE THEORY OF RELATIVITY Prerequisite, Mathematics 121 and 141.

In this course the essential features of the special and general relativity theories of Einstein are set forth from the mathematical point of view. Particular study is made of the Lorentz transformation, the theory of tensors, the absolute differential calculus, and the three crucial tests of the theory. (1931-1932 and alternate years.) *Five hours a week, winter quarter.* Professor Henderson.

272 (107). ADVANCED RELATIVITY THEORY.

Restricted relativity, with applications to physical and electrical problems. General relativity and gravitation. Geodesics and curvature in space-time. Cosmological speculations as to a finite, unbounded universe. Theories of Einstein, DeSitter, and LeMaitre. (1931-1932 and alternate years.) *Five hours a week, spring quarter.* Professor Henderson.

281 (111). CALCULUS OF VARIATIONS. Prerequisite, Mathematics 266.

A study of various kinds of minimizing problems, determining functions which minimize certain definite integrals. Isoperimetric problems. Necessary conditions for an extreme as deduced by Euler, Weierstrass, Legendre, and Jacobi, and conditions sufficient to ensure such an extreme. (1931-1932 and alternate years.) *Five hours a week, winter quarter.* Professor Mackie.

286 (112). PROJECTIVE DIFFERENTIAL GEOMETRY. Prerequisite, Mathematics 151, 261.

A study of the projective properties of curves and ruled surfaces by means of the invariants and covariants of systems of homogeneous differential equations. *Five hours a week.* Professor Lasley.

291 (113). INTRODUCTION TO THE THEORY OF FINITE GROUPS. Prerequisite, Mathematics 131.

Deals with the theory of substitutions in general, and as applied to the algebraic equation. Simple and compound groups, transitivity and primitivity.

Cyclic and linear groups, linear fractional substitutions, etc. Numerous applications in algebra and geometry. (1932-1933 and alternate years.) *Five hours a week, spring quarter.* Professor Henderson.

SEMINAR AND THESES

Reading and research in Mathematics conducted by members of the department, as follows:

351 (141). Thesis work and Seminar. Professor Henderson.
356 (141). Thesis work and Seminar. Professor Lasley.
361 (141). Thesis work and Seminar. Professor Hobbs.
366 (141). Thesis work and Seminar. Professor Winsor.
371 (141). Thesis work and Seminar. Professor Mackie.
376 (141). Thesis work and Seminar. Professor Browne.

DEPARTMENT OF MUSIC

Professor DYER; Associate Professor MCCORKLE; Assistant Professors KENNEDY, WOODMAN.

Courses for Undergraduates

1. MUSIC THEORY AND FUNDAMENTALS.
A course covering musical terminology and the theory of music notation, including a study of modes, scale structure, melodic construction, etc. *Five hours a week, fall quarter.* Professor McCorkle.

7-8-9. SIGHT-SINGING AND EAR-TRAINING.
A course in the reading and recognition of music notation, from the standpoint of both eye and ear. No prerequisites or previous training are necessary for number 7; students will be admitted to number 8 at the beginning of the winter quarter, or number 9 at the beginning of the spring quarter, who have had the equivalent of the work covered in the course up to that point. *Five hours a week, fall, winter, and spring quarters.* Professor Kennedy.

21-22-23 (20-21-22). HARMONY.
A beginner's course in harmony. Prerequisite, Music 1 or its equivalent. *Three hours a week, fall, winter, and spring quarters.* Professor Kennedy.

24-25-26 (10-11-12). HISTORY OF MUSIC.
A study of the historical development of music. In exceptional cases, students may enter the course at the beginning of any quarter. *Three hours a week, fall, winter, and spring quarters.* Professor Dyer.

51-52-53 (3-4-5). APPRECIATION OF MUSIC.
An illustrated course primarily for students who have had little or no training in music. *Five hours a week, fall, winter, and spring quarters.* Professor McCorkle.

54-55-56 (26-27-28). COUNTERPOINT. Prerequisite, one year of harmony, Music 21, 22, and 23, or their equivalent.
Three hours a week, fall, winter, and spring quarters. Professor Dyer.

71-72-73 (23-24-25). INSTRUMENTATION.
A course in the study of the principles and practice of instrumentation for band and orchestra. Orchestra and band music will be heard, analyzed, and studied, and music will be arranged for orchestra and band. *Three hours a week, fall, winter, and spring quarters.* Professor McCorkle.

74-75-76 (70-71-72). COMPOSITION. Prerequisite, Music 54-55-56, or their equivalent. Junior and Senior.
A study of free expression of original musical ideas. *Three hours a week, fall, winter, and spring quarters.* Professor Dyer.

80-81-82. APPLIED MUSIC.
Open to students of all departments who wish training in the fields of performance in piano, organ, voice, violin, or orchestral instruments as a cultural experience only. Among those students pursuing the A.B. in Music such courses are taken throughout the four years of study and culminate in a comprehensive examination and a recital performed during the senior year. Membership in musical organizations of the University is likewise a requirement for each of the four years.

Special Non-credit Courses

NOTE. The following regulations govern individual instruction in Music Courses A, B, C, D, and E:
1. Practice rooms and periods are assigned at the music department office. Fee for one daily practice period in a room containing a practice piano, $3.00 a quarter.
2. After registration, all fees for the quarter must be paid to the department and receipts for such fees must be presented to the instructor before the first lesson period.
3. Regularly assigned lessons missed by the student without previous arrangement with the instructor are not to be made up or refunded for except with the permission of the head of the department.
4. Fee for one hour daily practice on Skinner three manual organ, $15.00 a term of ten weeks, $18.00 for a term of twelve weeks. Fee for one hour daily practice on Reuter four manual organ, $20.00 for term of ten weeks, $25.00 for term of twelve weeks.

A. INDIVIDUAL INSTRUCTION IN PIPE ORGAN. One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, $1.50 a lesson.* Enrollment for the quarter only. No credit. Professor Kennedy.

B. INDIVIDUAL INSTRUCTION IN PIANO. One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee $1.50 a lesson.* Enrollment for the quarter only. No credit. Professor Kennedy.

C. INDIVIDUAL INSTRUCTION IN VIOLIN. One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee $1.50 a lesson.* Enrollment for the quarter only. No credit. Professor McCorkle.

D. INDIVIDUAL INSTRUCTION IN VOICE. One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, $2.00 a lesson.* Enrollment for the quarter only. No credit. Professor Dyer.

E. INDIVIDUAL INSTRUCTION IN BAND INSTRUMENTS. One or more individual instruction periods a week on any brass, woodwind, or percussion instrument, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar.

Fee, $1.00 a lesson. Enrollment for the quarter only. No credit. Professor McCorkle.

DEPARTMENT OF PHILOSOPHY

Professor WILLIAMS; Associate Professor GREEN; Assistant Professor EMERY; Dean BRADSHAW.

Courses for Undergraduates

41 (1). INTRODUCTION TO PHILOSOPHY.
This course is intended to serve as an introduction to later work in philosophy; but its main purpose is to give a general view of philosophy to those who may take no further courses in the subjects. Lectures and discussions. *Five hours a week, every quarter.* Fall and winter quarters, Professor Emery; spring quarter, Professor Green.

56 (2). THE HISTORY OF ANCIENT AND MEDIÆVAL PHILOSOPHY.
A survey course beginning with the early Greek thinkers and continuing through Mediæval Philosophy. *Five hours a week, fall quarter.* Professor Green.

57 (3). THE HISTORY OF MODERN PHILOSOPHY.
A survey course beginning with the early Renaissance thinkers and continuing through Kant and Hegel to Nietzsche. *Five hours a week, winter quarter.* Professor Green.

61 (6). CONTEMPORARY PHILOSOPHY.
A study of New Realism, Pragmatism, and Idealism as contemporary outgrowths of important movements in the history of philosophy. *Five hours a week, spring quarter.* Professor Emery.

76 (4). ÆSTHETICS.
A study of what is commonly known as art or the beautiful, and an inquiry into some of the critical and psychological questions involved. *Five hours a week, fall quarter.* Professor Green.

81 (16). PHILOSOPHICAL IDEAS IN MODERN LITERATURE.
A study of philosophical ideas in modern literature. An effort will be made to understand something of the attitude toward life held by modern writers, including Thomas Hardy, Tolstoi, Dostoievsky, and Anatole France. Moderate amount of reading in poetry, plays, and novels of the writers studied. *Five hours a week, spring quarter.* Professor Green.

96 (23). COMPARATIVE RELIGION.
A study of the historical development of religion as exemplified in Confucianism, Brahmanism, Buddhism, and Christianity, with emphasis upon the last and its growth from Jewish and Hellenic influences. An evaluation of the traits common to all will be made. *Five hours a week, winter quarter.* Professor Green.

Courses for Graduates and Advanced Undergraduates

131-132-133 (10-11-12). LOGIC AND CIVILIZATION.
The purpose of this course is to show how intelligence works both in the individual and in the currents of thought that constitute civilization. The student will be furnished a kit of tools with which to solve some of the problems which will confront him in living his own life and understanding the world about him. *Five hours a week, fall, winter, and spring quarters.* Professor Williams.

171 (20). ETHICS.
The course seeks insight into points of view rather than knowledge of detail. It will consider the subject matter and methods of ethics, its position within philosophy as a whole, various meanings of *right* and *good*, and ultimate criteria of ethical values. Lectures and discussion. *Five hours a week, winter or spring quarter.* Dean Bradshaw.

Courses Primarily for Graduates

224-225-226. KANT.
An intensive study of the *Critique of Pure Reason* with important commentaries, in the light of Kant's whole philosophy and its historical context. *Five hours a week, fall, winter, and spring quarters.* Professor Emery.

227-228-229. STUDIES IN HEGEL.
This course aims to consider Hegel's system as grounded in the *Logik* and exhibited in the *Phenomenologie. Five hours a week, fall, winter, and spring quarters.* Professor Williams.

301-302-303 (140-141-142). SEMINAR IN PHILOSOPHY.
Conducted by the Department. Hours and subjects are arranged at the beginning of the year. Credit, one-half course each quarter.

311 (135). SPECIAL READINGS.
Reading in a special field under the direction of a member of the Department.

DEPARTMENT OF PHYSICS

Professors STUHLMAN, FUSSLER; Associate Professor *PLYLER; Instructor SHEARIN; Teaching Fellow ZURBURG; Assistant CRAVEN.

Courses for Undergraduates

14. ASTRONOMY. Freshman and Sophomore elective.
A general course in descriptive and historical astronomy; lectures and recitations, with use of lantern slides, star-maps, telescope, etc. *Five hours a week, spring quarter.* Professor Fussler.

21-22 (1-2). GENERAL PHYSICS. PART I. Sophomore, Junior and Senior elective. Prerequisite, Mathematics 2-1, but may be elected in the winter quarter by Freshmen who have taken Mathematics 2 and received grade B.
Mechanics of solids, liquids, and gases; sound and heat. Lectures; problems; laboratory work. *Five lecture and two laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Fussler, Stuhlman, Plyler; Messrs. Shearin, zurBurg, and Assistant.

GENERAL PHYSICS. PART 2. Sophomore, Junior and Senior elective. Prerequisite, Mathematics 2-1 and Physics 21.
Light, Electricity, and Magnetism. Lectures; problems; laboratory work. *Five lecture and four laboratory hours a week, every quarter. Laboratory fee, $5.00.* Professors Fussler, Stuhlman, Plyler; Messrs. Shearin, zurBurg, and Assistant.

21-22-23E (1-2-3E). PHYSICS FOR ENGINEERING STUDENTS. Required of Engineering Sophomores. Prerequisite, Mathematics 1-2-3E or equivalent.

* Absent on leave 1930-1931.

This is a course given with special reference to the needs of students of engineering, both in the lecture work and in the laboratory, while a great deal of problem work is given on subjects dealing with engineering. *Three lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.50 a quarter.* Professor Fussler, Mr. Shearin.

51 (13). X-RAY TECHNIQUE: BIOPHYSICS. Prerequisite, Physics 21-22.
Laboratory work in the physical aspects of X-ray apparatus, technique of photographic and fluoroscopic roentgenology, with some applications to biophysical and engineering problems. (Omitted 1931-1932.) *Two lecture and eight laboratory hours a week, spring quarter. Laboratory fee, $15.00.* Professor Stuhlman.

52-53 (15-16). RESEARCH FOR SENIORS.
Professors, Stuhlman, Plyler.

Courses for Graduates and Advanced Undergraduates

101 (6). MECHANICS AND WAVE MOTION. Prerequisite, Physics 21-22, Mathematics 24.
Lectures, problems. Required in all majors and minors in physics. *Five hours a week, fall quarter.* Professor Stuhlman.

102 (5). HEAT AND THERMODYNAMICS. Prerequisite, Physics 21-22, Mathematics 24.
Lectures, problems, and laboratory work. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Plyler.

103 (7). MODERN ELECTRICAL THEORY. Prerequisite, Physics 21-22, Chemistry 1-2.
Lectures; the electron theory, atomic structure, radio-activity, etc. *Five hours a week, spring quarter.* Professor Stuhlman or Professor Plyler.

104 (8). ADVANCED ELECTRICITY AND MAGNETISM. Prerequisite, Physics 21-22, Mathematics 24.
An introduction to the mathematical treatment of these subjects. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00;* Professor Plyler.

105 (9). OPTICS. Prerequisite, Physics 21-22.
A treatment of the fundamental principles of geometrical and physical optics. lectures, problems, and laboratory work. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $3.00.* Professor Stuhlman.

106 (10). INTRODUCTION TO MATHEMATICAL PHYSICS. Prerequisite, Mathematics 24 or its equivalent, Physics 101, 102, 103, 104, 105. (Offered in 1932 and alternate years.) *Five hours a week, spring quarter.* Professor Stuhlman.

107 (12). ADVANCED GENERAL LABORATORY.
This course affords an opportunity for further training and experimental study in physics not given in other courses. *Six laboratory hours a week, every quarter. Laboratory fee, $3.00.* Professors Stuhlman, Fussler, Plyler.

Courses Primarily for Graduates

202 (119). THEORY OF HEAT. Prerequisite, Physics 102, Mathematics 25.
Conductivity. Kinetic theory of gases. Change of state. Thermodynamics. Radiation and temperature. *Five hours a week, fall quarter.* Professor Plyler.

203 (115). ATOMIC STRUCTURE. Prerequisite, Physics 103, Mathematics 24.
A critical survey of the experimental and theoretical evidence in various branches of physics for the present theories of the structure of atoms and molecules, the nature of magnetism, etc. A reading knowledge of German is required. *Five hours a week, spring quarter.* Professor Stuhlman.

204 (116). MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. Prerequisite, Physics 104, Mathematics 24.
General electrostatic theory; ideal electric fields; condensers with homogeneous and non-homogeneous dielectrics; general laws of conduction; thermal effects; magnetostatic fields; electro-magnetic phenomena; electric waves. *Five hours a week, winter quarter.* Professor Stuhlman.

205 (117). THEORY OF LIGHT. Prerequisite, Physics 105, Mathematics 24.
1. Geometrical optics. 2. Physical optics. 3. Optical properties of crystals and metals. 4. Magneto-optics and radiation. A reading knowledge of French and German is required. *Five hours a week.* Professor Stuhlman.

301 (141). RESEARCH.
Intended for applicants for advanced degrees. Experimental work. Subject must be assigned or approved by the professor in charge. A reading knowledge of French and German is required. Professors Stuhlman, Plyler.

NOTE. Courses in advanced analytic mechanics and in vector analysis are offered by the Department of Mathematics.

DEPARTMENT OF PSYCHOLOGY

Professors DASHIELL, CRANE, BAGBY; Instructors DEWICK, RACKLEY; Teaching Fellows KILLINGER, LYON.

Course for Undergraduates

21-22 (1-2). GENERAL PSYCHOLOGY. Sophomore, Junior, and Senior elective.
The aim of the course is to present the essential phenomena of psychology as an experimental natural science. Emphasis is placed on the organic relationships within the whole field. Lectures, text-book, laboratory. *Four lecture and four laboratory hours a week, fall and winter, or winter and spring quarters. Laboratory fee, $4.00 a quarter.* Professors Dashiell, Bagby; Messrs. DeWick, Rackley.

Courses for Graduates and Advanced Undergraduates

NOTE. Psychology 21 and 22 or their equivalent are prerequisite for each of the following courses.

125 (25). ANIMAL PSYCHOLOGY.
Reading topics: evolution of structure and behavior (Parker, Child, Coghill), tropic behavior (Jennings, Loeb), instinctive (Peckhams, Lubbock, Stone), habitual (Thorndike, Yerkes, Watson, and others), reflex (Sherrington, Pavlov). insight (Köhler), motivation (Moss, Richter). The class will conduct a protracted experimental study in animal learning. *Five hours a week, winter quarter, Laboratory fee, $2.00.* Professor Dashiell.

126 (26). CHILD PSYCHOLOGY.
This course is primarily a critical examination of the experimental methods used in child psychology. The members of the class will be given an opportunity of repeating some of the major experiments. The chief subdivisions to be studied are the original behavior equipment, the growth and maturation of structure, the acquisition of habits, the development of capacity, and the formation of interests. Lectures, readings, and experiments with children. *Five hours a week, fall quarter. Laboratory fee, $1.50.* Professor Bagby.

135 (35). ECONOMIC PSYCHOLOGY: INDUSTRIAL AND VOCATIONAL.
There will be two main divisions of the course, as follows: (1) The adjustment of the worker to his work—including industrial training, effects of incentive, monotony, and fatigue; motion study and mental hygiene in industry. (2) The selection of personnel for various kinds of work, with the industrial use of tests of intelligence and personality. An outline of vocational psychology will be given, and the psychology of salesmanship discussed. Lectures, experiments, readings. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, $2.00.* Professor Bagby; Mr. DeWick.

136 (36). ECONOMIC PSYCHOLOGY: ADVERTISING.
An attempt is made to present systematically those aspects of psychology which will aid the advertiser more effectively to construct and present his advertisements. While aiming to give information of practical value, the emphasis is placed upon the establishment of a point of view which will be of assistance in the development of a general technique on the part of the advertiser. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $2.00.* Professor Crane; Mr. Lyon.

138 (38). LEGAL PSYCHOLOGY.
The course is organized about some of the major problems of psychological nature with which the law is concerned; such as, the accuracy of testimony, the reliability of findings by juries, responsibility and criminal psychology, the effects of punishment, modes of detecting suppression of guilty knowledge. The aim is to obtain an accurate knowledge of the present status of each problem; and the method will be that of a natural science approach leading ultimately to implications of practical legal character. Readings, lectures, and experiments. *Five hours a week, spring quarter. Laboratory fee, $1.00.* Professor Dashiell; Mr. Killinger.

140 (40). PSYCHOLOGY OF PERSONALITY.
This course is a consideration of certain of the factors upon which the quality of human adjustments depends. Emphasis is placed upon emotional reactions as primary sources of motivation and an attempt is made to indicate the most effective methods of training and of retraining the various types of emotional reactions. *Five hours a week, fall quarter.* Professor Bagby.

145 (45). ABNORMAL PSYCHOLOGY: FEEBLE-MINDEDNESS.
Presentation of the psycho-neural aspects of feeble-mindedness in general, and of the various types, together with their importance in relation to the problems of education, dependency, and delinquency. There will be discussion and demonstration of the various clinical methods of determination and classification of feeble-mindedness. (Given alternately with Psychology 147.) *Five hours (lectures and equivalent laboratory) a week, winter quarter. Laboratory fee, $1.00.* Professor Crane.

146 (46). ABNORMAL PSYCHOLOGY: PSYCHONEUROSES AND PSYCHOSES.
A study is made of the more important deviations from the normally reacting and experiencing human organism. Attention is given to the sensory,

imaginal, emotional, motor, etc., abnormalities and to the occurrence of these in the various psychoses. Brief surveys are given of the methods of clinical psychology and of psychotherapy. *Five hours (lectures and equivalent laboratory) a week, spring quarter. Laboratory fee, $1.00.* Professor Crane.

147 (47). ABNORMAL PSYCHOLOGY: METHODS OF MENTAL EXAMINATION.
A presentation of the various psychological methods used in the clinical study of individuals. This includes a study of the methods used in determination of the presence or absence of specialized defects as well as the determination of level of intelligence. Lectures, experiments, readings. (Given alternately with Psychology 145.) *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, $2.00.* Professor Crane.

151, 152, 153 (51, 52, 53). EXPERIMENTAL PROBLEMS.
To the student who finds himself especially interested in some particular problem of psychology, perhaps as growing out of the subject matter of one of the preceding courses, encouragement and opportunity are here offered for investigative study. May be elected any quarter, and for one, two, or three quarters. *One lecture and eight laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $2.00 a quarter.* Professors Dashiell, Crane, Bagby.

Courses Primarily for Graduates

201 (101). ADVANCED EXPERIMENTAL PSYCHOLOGY.
A training course in the technique of psychological experimentation and research, to acquaint the student both with methods and with typical forms of apparatus. A survey will be made of experimental technique in the study of the various motor, sensory, thinking, and emotional functions, including both introspective and behavioristic approaches. *One lecture and eight laboratory hours a week, fall quarter. Laboratory fee, $2.00.* Professor Dashiell.

202-203 (102-103). RESEARCH IN PSYCHOLOGY. Prerequisite, Psychology 201.
Opportunity will be given for the experimental investigation of special problems along the line of the individual student's interests. The personal and material resources of the department are here especially offered. *Ten laboratory hours a week, winter and spring quarters. Laboratory fee, $2.00 a quarter.* Professors Dashiell, Crane, Bagby.

205 (105). PHYSIOLOGICAL PSYCHOLOGY.
An intensive study is made. Emphasis is placed upon the neural mechanism as a basis of understanding both the mental and the reaction phenomena of psychology. *Five hours (lectures and equivalent laboratory) a week fall quarter. Laboratory fee, $2.00.* Professor Crane.

206 (106). CONTEMPORARY PSYCHOLOGICAL TENDENCIES.
A systematic survey of the more outstanding recent and contemporary movements in modern psychology. Readings assigned in the works of Wundt and Titchener, James, Hall, McDougall and Stout, Thorndike, Watson, Freud, Jung, Köhler, Koffka, and perhaps others. *Five hours a week, spring quarter.* Professor Dashiell.

208 (108). SOCIAL PSYCHOLOGY.
Several relatively unrelated problems are treated in this course. The feebleminded, the insane, and the criminal types are characterized, and suggestions are offered for the solution of the social problems involved. The immigration policy of the United States is critically studied from a psychological point of view. Typical mob reactions, especially lynching episodes, are analysed.

Finally, a study is made of the conditions conducive to the development of national spirit and other forms of loyalty. *Five hours a week, winter quarter.* Professor Bagby.

325. SEMINAR.
An advanced course devoted to the extensive or intensive survey of current or of historical material bearing upon some limited problem or field of psychology—such as motivation, emotion, thinking, the Gestalt movement, reflexology, etc. The problem studied will be varied from year to year. *Five hours a week, fall, winter, or spring quarter, to be specially announced.* Professors Dashiell, Crane, Bagby.

341-342 (140-141). ADVANCED RESEARCH.
Experimental or clinical research to be done by advanced graduate students only. *Fall, winter, or spring quarter.* Professors Dashiell, Crane, Bagby.

The student is referred also to courses in Educational Psychology given by Professors Jordan and Trabue in the Department of Education, numbers 71, 103, 173 and 271, in Neurology, Anatomy 6, given by Professor Mangum in the School of Medicine, and in Statistics, Economics 71, given by Professor Ferger.

DEPARTMENT OF ROMANCE LANGUAGES

Professors DEY, LEAVITT, HOLMES, ADAMS; Associate Professors HUSE, STAAB, LYONS (Secretary); Assistant Professors FENLEY, BOGGS, STOUDEMIRE; Instructors SMITH, WRIGHT, LINKER, DOWNS, CARROLL, MCLEOD, HAYES, SHIELDS; Teaching Fellows CREECH, WISE, MCDOWELL.

FRENCH

Courses for Undergraduates

1-2. ELEMENTARY FRENCH.
Essentials of French Grammar. Special drill in pronunciation. It is aimed to make this course as practical as possible, with much oral work. This course may be counted for credit by those only who fulfill the requirements for the degree in two other foreign languages and provided it is followed by French 3-4. Course 2 will be given in the fall also. *Five hours a week, fall and winter, winter and spring quarters.* Professors Lyons, Fenley, Messrs. Smith, Wright, Linker, Downs, Carroll, McLeod.

NOTE. No student is permitted to take French 1 or 2 and Spanish 1 or 2 at the same time.

3-4. INTERMEDIATE FRENCH. Freshman and Sophomore elective.
Reading of modern French literature, frequent composition, and dictation. Course 4 will be given in the fall also. *Five hours a week, fall and winter, winter and spring quarters.* Professors Huse, Staab; Messrs. Smith, Wright, Linker, Downs, Carroll, McLeod.

21 (5). INTRODUCTION TO FRENCH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, French 3-4.
Introduction to the study of French literature. A general survey of French literature during the 17th century, with some reference to preceding literary movements. Reading of plays of Corneille, Racine, and Molière. *Five hours a week, every quarter.* Professors Dey, Huse, Lyons, Fenley; Messrs. Smith, Downs, Linker, Carroll.

22 (6). MODERN FRENCH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, French 21.

A general survey of French literature since the classical period with special stress on the 19th century. *Five hours a week, every quarter.* Professors Lyons, Fenley.

25 (9). COMMERCIAL FRENCH. Open to students in the School of Commerce only. Prerequisite, French 21.

The object of this course is to give the student practical training in modern French. Newspaper and magazine articles dealing with the life and customs of the country are read. Practice in social and commercial correspondence. This course is largely conducted in French. *Five hours a week, every quarter.* Professor Staab.

51 (7). FRENCH CONVERSATION AND COMPOSITION. Prerequisite, French 21.

The object of this course is to provide students with an opportunity to acquire practice in spoken French. Discussion in French on subjects of general interest. Composition and outside reading. *Five hours a week, fall or spring quarter.* Professor Lyons.

52 (8). FRENCH CIVILIZATION. Prerequisite, French 51.

A rapid survey of the history of France, with emphasis on political and economic developments necessary to an understanding of the present situation. History and discussion of French institutions, with some reference to the history of French art and French music. All lectures, discussions, and reports on collateral reading are in French. *Five hours a week, winter quarter.* Professor Lyons.

55 (10). REVIEW OF GRAMMAR AND SYNTAX. Prerequisite, French 21.

This course is primarily for teachers, and is open to Juniors and Seniors who intend to teach French. It consists of an intensive review study of the elements and fundamentals of French grammar and syntax. Before registering for this course, students must secure the permission of the instructor. *Three hours a week, winter quarter.* Mr. Smith.

Courses for Graduates and Advanced Undergraduates

109 (19). THE FRENCH NOVEL. Prerequisite, French 22.

A study of the development of the novel in France. Lectures, readings, reports. *Five hours a week, winter quarter.* Professor Dey.

115 (24). FRENCH LYRIC POETRY. Prerequisite, French 22.

A study of French lyric poetry, beginning with Villon. Lectures, readings, reports. *Five hours a week, spring quarter.* Professor Huse.

126 (26). HISTORY OF THE FRENCH LANGUAGE. Prerequisite, French 22.

A general survey from the origins to the present day, with especial emphasis upon the period, 1500-1900: the influence of the Erudits, Precieuses, Philosophes, and Romanticists; spelling reforms. *Five hours a week, winter quarter.* Professor Holmes.

131 (17). THE FRENCH DRAMA PRIOR TO 1700. Prerequisite, French 22.

A survey of the religious and comic theatres of the Middle Ages; the theatre of the Renaissance and its relation to the classic theatres of Greece and Rome; the neo-classic theatre of the Seventeenth Century. *Five hours a week, winter quarter.* Professor Fenley.

132 (18). THE FRENCH DRAMA SINCE 1700. Prerequisite, French 22.
A survey of Modern French Drama with special attention to the theatrical principles and ideas of the different dramatic schools of the last two centuries. *Five hours a week, spring quarter.* Professor Fenley.

145 (14). FRENCH PHONETICS. Prerequisite, French 21.
A detailed study of the French vowel and consonant sounds by the phonetic method. This course is required of candidates for the master's degree, and it should be elected by anyone who intends to teach French. *Five hours a week, fall quarter.* Professor Dey.

161. THE SIXTEENTH CENTURY. Prerequisite, French 22.
A general treatment of the chief movements in French literature of the 16th Century, with some reference to the Italian Renaissance and its influence on France. Specimen readings from the more important poets and prose writers: Marot, Rabelais, the Pléiade, Montaigne, etc. *Five hours a week, spring quarter.* Professor Lyons.

171 (11). FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Prerequisite, French 22.
A study of the period of Henry IV and Louis XIII. *Five hours a week, fall quarter.* Professor Lyons.

172 (12). FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Prerequisite, French 22.
This course deals with the literature of the reign of Louis XIV. *Five hours a week, winter quarter.* Professor Lyons.

181 (13). FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. Prerequisite, French 22.
Voltaire, Montesquieu, Rousseau, les Encyclopédistes. A study of the literary movement of the century and of the origins of romanticism. *Five hours a week, fall quarter.* Professor Huse.

191 (15). FRENCH ROMANTICISM. Prerequisite, French 22.
French literature from 1800 to 1850, with special stress on the works of the romantic poets, Lamartine, Hugo, Vigny, and Musset. Lectures, reading, reports. *Five hours a week, fall quarter.* Professor Dey.

192 (16). FRENCH LITERATURE SINCE 1850. Prerequisite, French 22.
A study of the later literary movements of the 19th century, with some emphasis on the contemporary period. Lectures, readings, reports. *Five hours a week, winter quarter.* Professor Dey.

Courses Primarily for Graduates

221-222-223 (121-122-123). OLD FRENCH.
Reading of the oldest texts: La Chanson de Roland; Aucassin et Nicolette; Chrétien de Troyes. Lectures on French Phonology and Morphology. *Five hours a week, fall, winter, and spring quarters.* Professor Holmes.

225 (125). PROVENCAL.
A study of the ancient language and literature of Provence. The poetry of the Troubadours. (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

231 (131). FRENCH SYNTAX.
The most important phases of modern French syntax studied from a historical point of view. (Offered in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Dey.

248 (108). FRENCH LITERATURE OF THE 14TH AND 15TH CENTURIES. Prerequisite, French 221 or 265.
A combination of literary survey and reading course. Especial attention will be paid to Villon, who will be read entire with commentary. General treatment of such writers as Machaut, Froissart, Christine de Pisan, etc. (Offered in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

265-266 (105-106). FRENCH LITERATURE OF THE RENAISSANCE.
A study of French literature of the Sixteenth Century. Italian and French Humanism. The reformation. Marot, Rabelais, Calvin, the Pléiade, Montaigne. (Offered in 1932-1933 and in alternate years.) *Five hours a week, winter and spring quarters.* Professor Lyons.

331 (110). HISTORY OF FRENCH LITERATURE PRIOR TO 1300.
Lectures and seminar papers. A complete and careful study of the origins of French literature, with emphasis upon the twelfth century Renaissance, the period of the epics, beginning of romances, etc. French 221 is desired, though not a prerequisite. (Offered in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

391 (101). STUDIES IN ROMANTICISM. Prerequisite, French 191.
Seminar course. Intensive study of one of the romantic poets. (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Dey.

395 (141). RESEARCH.
Research in a special field under the direction of a member of the department.

CELTIC 205 (105). MIDDLE IRISH.
Grammar and reading of texts. Dottin, *Manuel de l'Irlandais Moyen, Tâin Bó Cúailnge* (supplement to *Eriu*). *Five hours a week, winter quarter.* Professor Holmes.

SPANISH

Courses for Undergraduates

1-2. ELEMENTARY SPANISH.
Essentials of Spanish grammar. Special drill in pronunciation. Reading of selected texts, with much oral drill. This course may be counted for credit by those only who fulfill the requirements for the degree in two other foreign languages and provided it is followed by Spanish 3-4. Course 2 will be given in the fall also. *Five hours a week, fall and winter, winter and spring quarters.* Professors Boggs, Stoudemire, Messrs. Shields, Hayes, McDowell.

NOTE: No student is permitted to take Spanish 1 or 2 and French 1 or 2 at the same time.

3-4. INTERMEDIATE SPANISH. Freshman and Sophomore elective. Prerequisite, Spanish 1-2 or the equivalent.
Reading of modern Spanish literature, composition, and dictation. Course 4 will be given in the fall also. *Five hours a week, fall and winter, winter and spring quarters.* Professors Adams, Stoudemire; Messrs. Shields, Hayes.

21 (5). INTRODUCTION TO SPANISH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, Spanish 3-4.
Introduction to the study of Spanish literature. Reading of masterpieces of the 19th and 20th Centuries. Class lectures and discussions of important figures of Spanish literature. *Five hours a week, every quarter.* Professors Adams, Boggs, Stoudemire.

22 (6). MODERN SPANISH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, Spanish 21.

A general survey of Spanish literature up to the end of the 17th century. Readings from the picaresque novels and the drama of the Siglo de Oro. *Five hours a week, every quarter.* Professors Adams, Stoudemire.

25 (9). COMMERCIAL SPANISH. Open to students in the School of Commerce only. Prerequisite, Spanish 21.

The object of this course is to give the student practical training in modern Spanish. Newspapers and magazine articles dealing with the life and customs of South America are read. Practice in commercial correspondence. This course is largely conducted in Spanish. *Five hours a week, winter or spring quarter.* Professor Leavitt.

Courses for Graduates and Advanced Undergraduates

109 (19). EARLY SPANISH PROSE FICTION. Prerequisite, Spanish 22.

A study of the origins and developments of the novel in Spain up to the time of Cervantes. (Offered in 1932-1933 and in alternate years.) *Five hours a week, fall quarter.* Professor Adams.

110 (20). THE SPANISH NOVEL. 1605-1898. Prerequisite, Spanish 22.

A survey of the novel from Cervantes through the nineteenth century. (Offered in 1932-1933 and in alternate years.) *Five hours a week, winter quarter.* Professor Adams.

111 (21). MODERN SPANISH NOVELISTS. Prerequisite, Spanish 22.

A study of the "Generation of '98," with consideration of present day tendencies. (Offered in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Adams.

115 (15). EARLY LYRIC POETRY. Prerequisite, Spanish 22.

A survey of lyric poetry in the Spanish peninsula from the origins through the Siglo de Oro. (Offered in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Adams.

116 (16). MODERN LYRIC POETRY. Prerequisite, Spanish 22.

Brief treatment of the poetical schools of Seville and Salamanca in the eighteenth century and study of Spanish lyric poetry through the nineteenth century to the present day. (Offered in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professor Adams.

131 (11). LOPE DE VEGA AND HIS CONTEMPORARIES. Prerequisite, Spanish 22.

Reading of representative plays of Lope de Vega, Tirso de Molina, Guillén de Castro, Ruiz de Alarcón, etc. Lectures and reports. (Offered in 1931-1932 and in alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

132 (12). CALDERON AND HIS CONTEMPORARIES. Prerequisite, Spanish 22.

Reading of representative plays of Calderón de la Barca, Moreto, Rojas, etc. Lectures and reports. (Offered in 1931-1932 and in alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

134 (17). SPANISH DRAMA OF THE NINETEENTH CENTURY. Prerequisite, Spanish 22.

Reading of representative plays of this period. Lectures, oral and written reports. (Offered in 1932-1933 and in alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

135 (18). MODERN SPANISH DRAMA. Prerequisite, Spanish 22.
Reading of plays of Dicenta, Benavente, Linares Rivas, the Alvarez Quintero brothers, Marquina, Martínez Sierra, etc. Lectures, oral and written reports. (Offered in 1932-1933 and in alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

145. SPANISH PHONETICS. Prerequisite, Spanish 21.
A detailed study of the Spanish vowel and consonant sounds by the phonetic method. This course is required of candidates for the master's degree, and it should be elected by anyone who intends to teach Spanish. *Five hours a week. spring quarter.* Professor Boggs.

Courses Primarily for Graduates

221-222 (121-122). OLD SPANISH.
Ford's *Old Spanish Readings.* The Poem of the Cid and other old Spanish texts. Lectures on phonology, morphology, and syntax. *Five hours a week, fall and winter quarters.* Professor Boggs.

241 (131). INTRODUCTION TO SPANISH-AMERICAN LITERATURE.
A study of notable authors and consideration of present-day writers. (Offered in 1932-1933 and alternate years.) *Five hours a week, spring quarter.* Professor Leavitt.

391 (123). EARLY SPANISH LITERATURE. Prerequisite, Spanish 221-222.
Survey of Medieval Spanish Literature. *Five hours a week, spring quarter.* Professor Boggs.

393 (127). SPANISH ROMANTICISM. Seminar course.
General survey of the Romantic period in Spain and investigation of special problems. (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Adams.

395 (141). RESEARCH.
Research in a special field under the direction of a member of the department. Attention is called to General and Comparative Literature 157.

ITALIAN

Courses for Undergraduates

51 (1). ELEMENTARY COURSE. Prerequisite, French 3-4 or Spanish 3-4.
Grammar, pronunciation, oral and written exercises. Reading of modern Italian texts. *Five hours a week, fall quarter.* Professor Huse.

52 (2). MODERN ITALIAN LITERATURE. Prerequisite, Italian 51.
Continuation of Course 51 with readings from modern Italian poets, dramatists, and novelists. *Five hours a week, winter quarter.* Professor Huse.

Courses for Graduates and Advanced Undergraduates

131 (12). DANTE. Prerequisite, Italian 51 and 52.
The *Vita Nuova* and the *Inferno,* with some reference to origins of Italian literature and to the poets of the *dolce stil nuovo.* (Offered in 1931-1932 and in alternate years.) *Five hours a week, spring quarter.* Professor Huse.

132 (13). DANTE. Prerequisite, Italian 131.
The *Purgatorio* and the *Paradiso.* (Offered in 1932-1933 and in alternate years.) *Five hours a week, spring quarter.* Professor Huse.

156 (56). DANTE IN ENGLISH TRANSLATION.
The *Vita Nuova* and the *Divine Comedy;* the precursors of Dante and the poets of the *dolce stil nuovo.* Special studies of Dante's political and social philosophy, with particular emphasis on Dante as a poet and as a guide. *Five hours a week, fall quarter.* Professor Huse.

161 (11). ITALIAN LITERATURE OF THE RENAISSANCE. Prerequisite, Italian 51 and 52.
Readings from the principal authors, with special emphasis on Ariosto, Machiavelli, Castiglione, and the lyric poets. Collateral reading on the history of Italian culture during the Renaissance. *Five hours a week, winter quarter.* Professor Huse.

Courses Primarily for Graduates

221 (121). OLD ITALIAN.
Reading of the poets previous to Dante. Early monuments. Survey of phonology and morphology. (Offered in 1932-1933 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

DEPARTMENT OF RURAL SOCIAL ECONOMICS

Professors BRANSON, HOBBS; Assistant Professor *WAGER.

Courses for Undergraduates

51-52 (1-2). RURAL ECONOMICS.
A general course in the principles and problems of rural economy, with special attention given to the economics of agriculture in North Carolina and the South. Reference: Gray's *Agricultural Economics;* Taylor's *Outlines of Agricultural Economics;* Yoder's *Introduction to Agricultural Economics. Five hours a week, fall and winter quarters.* Professor Hobbs.

53 (3). HISTORY OF AGRICULTURE.
This course traces the development of agriculture from its earliest beginnings to the present: earliest beginnings; Greece and Rome; later agriculture in Europe; American agriculture. References: Gras, *A History of Agriculture;* Schmidt and Ross, *Readings in the Economic History of American Agriculture;* special readings. *Five hours a week, spring quarter.* Professor Hobbs.

61 (21). AGRICULTURAL COÖPERATION.
Lecture and research. History of agricultural coöperation, principles of coöperation, coöperative organization, rural credits, and coöperative marketing. *Five hours a week, winter quarter.* Professor Hobbs.

71 (5). RURAL SOCIOLOGY.
Rural Sociology. Text: Gillette's *Rural Sociology.* Collateral readings; Galpin's *Rural Life;* Butterfield's *Chapters in Rural Progress;* Sorokin and Zimmerman's *Principles of Rural-Urban Sociology. Five hours a week, fall quarter.* Professor Wager.

72 (6). RURAL SOCIOLOGY.
Country Life Problems. Text: Taylor's *Rural Sociology.* Collateral readings; Boyle's *Rural Problems in the United States,* Galpin's *Rural Social Problems,* Butterfield's *The Country Church and the Rural Problem. Five hours a week, winter quarter.* Professor Wager.

73 (7). RURAL SOCIOLOGY.
The Rural Community. Text: Sims' *Elements of Rural Sociology.* Collateral readings; Hawthorne's *The Sociology of Rural Life,* Hayes' *Rural Community*

* Absent on leave, 1930-1931.

Organization, Miller's *Town and Country*, Wilson's *Evolution of the Country Community*, Sims' *The Rural Community*, Steiner's *The American Community in Action*. *Five hours a week, spring quarter.* Professor Wager.

81 (15). THE RURAL COUNTY AND ITS INSTITUTIONS.
A study of the county as a unit of social organization. The county is examined as a unit of education, public health, public welfare, library service, material and cultural development. An analysis is made of existing institutions and of proposed adjustments. Attention is given to the civic attitudes manifested in the county, and the quality of leadership found. Text: Wager's *County Government in North Carolina*. Source material will be drawn from county newspapers and from the eighty studies of county affairs already completed by the Institute for Research in Social Science. *Five hours a week, spring quarter.* Professor Wager.

91-92-93 (9-10-11). LABORATORY COURSE IN RURAL ECONOMICS AND SOCIOLOGY. Corequisite, 51-52 or 71, 72, and 73.
Home-state studies, home-county studies, research projects and surveys. Hours arranged to suit the convenience of the student. *Nine hours laboratory and one hour seminar a week, fall, winter, and spring quarters.* Professors Hobbs, Wager.

95-96-97 (12-13-14). LABORATORY COURSE ON THE HOME COUNTY.
Studies in the economic and social conditions of the home county with a view to the publication of a county survey or a county geography supplement. Arranged especially to meet the needs of county organizations at the University. Hours arranged to suit the convenience of the student. *Nine hours laboratory and one hour seminar a week, fall, winter, and spring quarters.* Professor Wager.

Course for Graduates and Advanced Undergraduates

101 (20). NORTH CAROLINA: ECONOMIC AND SOCIAL.
This course is designed to familiarize the student with North Carolina: population, agriculture, resources, social life, economic development, industry. *Five hours a week, fall or spring quarter.* Professor Hobbs.

Courses for Graduates

271abc (105abc). RURAL SOCIAL PROBLEMS.
Designated readings on and class discussions of (1) the solitary farmstead and the country community, (2) farm tenancy, (3) country illiteracy, (4) the country school, (5) the country church, and (6) rural citizenship. *Five hours a week, fall, winter, and spring quarters.* Professor Branson.

301abc (113abc). RURAL ECONOMICS.
Research, seminars, and field investigations in (1) land economics—resources, values, ownership and tenancy, laws and policies; (2) farm organization and management—farm systems, farm finance, distribution of farm products and the farm income, cooperative farm enterprise; (3) country wealth, country institutions and problems; (4) state and county studies, economic, social, and civic; county bulletins, etc. Required preliminary preparation; approved courses in general and rural economics. Lacking such preparation, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Branson, Hobbs, Wager.

305abc (115abc). COUNTY ADMINISTRATION.
Research, seminars, and field investigations of county organization, resources, institutions, and administration. Typical subjects for study might be: county consolidation, county management, tax resources, highway administration, the

county home, the county jail, programs of economic and social development, county planning. Prerequisite, at least three courses in economics and government. *Five hours a week, fall, winter, and spring quarters.* Professor Wager.

311abc (117abc). RURAL SOCIAL PROBLEMS.
1. Research, seminars, and field investigations of (1) rural social institutions and agencies; (2) transportation and communication facilities in rural areas; (3) country-mindedness and its sequences; (4) town and country interdependencies; (5) social disability in country areas, our public welfare laws and agencies; (6) social aspects of tenancy and illiteracy; (7) state and county studies, economic, social, and civic; county bulletins, etc. 2. Rural Social Survey; research, technic, and field work. 3. Statistics; interpretation and use. 4. Rural Social Engineering: (1) county community studies; (2) community organization, economic and social; (3) county government; (4) country leadership, requisites and technic. Required preliminary preparation, approved courses in general and rural sociology. Lacking this, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Branson, Hobbs, Wager.

DEPARTMENT OF SOCIOLOGY

Professors ODUM, MEYER, *BERNARD; Research Professors GROVES, WOOFTER; Associate Professor SANDERS; Assistant Professor BROOKS; Research Associates JOHNSON, BROWN, VANCE.

Courses for Undergraduates

41 (1). INTRODUCTION TO SOCIOLOGY.
Emphasis on social origins as found in primitive society, the rise of contemporary society, the forces shaping society studied through geographical, biological, psychological, and cultural approaches; social organization and control; the elements of social theory. *Five hours a week, every quarter.* Professors Meyer, Brooks.

42 (10). SOCIAL PROBLEMS.
A general course giving primary emphasis to positive features and secondary consideration to the pathological aspects of society. The student is introduced to various social problems and institutions such as race, immigration, the family, and the community, which can be pursued more intensively in other specialized courses in this department. *Five hours a week, every quarter.* Professors Meyer, Sanders, Brooks.

51 (45). SOCIAL ANTHROPOLOGY.
The origin, content, and distribution of culture; the modern cultural environment; southern regional culture traits. *Five hours a week, spring quarter.* Professor Johnson.

53 (3). STATISTICS.
An elementary course in statistical method. The sources of social statistics, data gathering and tabulation, elementary graphics, averages and measures of variation, index numbers, linear trends, linear correlation, probable error. *Five hours a week, winter quarter.* Professor Woofter.

62. MARRIAGE. Open to senior men students.
A discussion of the practical problems of marriage, parenthood, and family adjustment. *Three hours a week, spring quarter.* Professor Groves.

* Absent on leave, 1930-1931.

Courses for Graduates and Advanced Undergraduates

152 (2, 121). SOCIAL THEORY.
A survey of the range of contemporary social theory with preliminary consideration of its historical backgrounds. A study is made of contributions to theories of human ecology, regionalism, population, social differentiation, the social personality, mobility, human nature and culture, collective behavior, religion, art and the mores, the social processes, conflict, and social control. Leading theories are summarized, compared, and criticized. *Five hours a week, every quarter.* Professors Bernard, Vance.

160. INTRODUCTION TO SOCIAL WORK.
Essentially a professional course in social problems with the emphasis laid upon methods of treatment by public and private social agencies. After a brief discussion of the nature, purpose, and scope of social work the course will deal chiefly with the major social problems, such as poverty and destitution, physical and mental deficiency, disease, crime, and delinquency. Methods of education and training for social work will also be taken up in considerable detail. *Five hours a week, fall quarter.* Professor Sanders.

161 (11). THE FAMILY.
The history, purpose, and problems of the family with especial attention to social conditions influencing family life and to efforts for family conservation. Open to men and women. *Five hours a week, winter quarter.* Professor Groves.

164 (14). FAMILY CASE WORK.
Discussion of the relation of the individual to the family and the family to the community. The technique of case work and its scientific approach—methods of investigation, interviewing, social evidence, sources, diagnosis, treatment. Class work is supplemented by visits to social agencies in neighboring cities and by field work under the supervision of members of the staff of the School of Public Welfare. *Five hours a week, fall quarter.* Professor Sanders.

165 (15). ADVANCED FAMILY CASE WORK.
A continuation of Sociology 164, with more intensive study of case work. *Five hours a week, winter quarter.* Professor Sanders.

NOTE. The following courses—166, 167, 168—are not open to students in the College of Liberal Arts.

166 (40). PUBLIC WELFARE.
1. The organization of Public Welfare in the United States. 2. Detailed study of the North Carolina Plan. 3. Office Organization and Administration. Alternates with 167. (Not given in 1931-32.) *Five hours a week, fall quarter.* Professor Brown.

167 (41). SOCIAL LAWS.
The development of social legislation pertaining to important social problems. Special attention to social laws of North Carolina. Alternates with 166. (Given in 1931-1932.) *Five hours a week, fall quarter.* Professor Brown.

168 (8). THE COMMUNITY.
The community as a unit of work, problems of modern community life, principles underlying community organization, review of experiments in methods of community organization, development and coördination of community activities illustrated by case records, problems of community leadership. A critical review of the role of custom, habit, crisis, and gregariousness in community development. *Five hours a week, winter quarter.* Professor Brooks.

171 (4, 122). EDUCATIONAL SOCIOLOGY.

Education as a process of social control and achievement. The social resources of the school and other educational resources. Social problems of the teacher. *Five hours a week, winter quarter.* Professor Groves.

173 (23, 24). PLAY AND RECREATION.

The theories of play, play activities, attitudes, history of the play movement, play leadership, programs, values, sex and age differences, classification of movements, application to community life. *Five hours a week, winter quarter.* Professor Meyer.

175 (25). EXTRA CURRICULAR ACTIVITIES.

Clubs, student participation in school government, physical education, publicity in school publications, commencement, many miscellaneous topics—the assembly, festival days, suggestions to leaders, home room activities, programs, dramatics, point systems, contributions from national agencies interested in extra-curricular activities, theoretical and practical studies of institutions promoting successful programs, bibliographical materials. *Three hours a week, spring quarter.* Professor Meyer.

185 (5). THE NEGRO.

A study of the American Negro, with particular reference to the South, the historical and cultural background of the Negro in Africa and in America; development since emancipation; bi-racial system; and problems of race relations. *Five hours a week, fall quarter.* Professors Woofter, Johnson.

186 (6). POPULATION.

A study of the backgrounds of immigration; the problems confronting the immigrant and the problems created by his presence in the United States; the processes involved in the assimilation of the immigrant, his children, and his grandchildren into our cultural life. *Five hours a week, spring quarter.* Professor Woofter.

192 (12). CRIME.

Nature and causes of crime; evolution of modern methods of criminal procedure; administration of penal and reformatory institutions; programs for the social treatment of the criminal; the problems of juvenile delinquency. The class work will be supplemented by field trips to criminal courts and penal institutions. *Five hours a week, winter quarter.* Professor Brown.

193 (13). SOCIAL PATHOLOGY.

A survey of the abnormal and pathological aspects of society. Among the problems studied are feeblemindedness, insanity, physical defectiveness, malnutrition, alcoholism, prostitution, vagrancy, family disorganization. Emphasis is given to methods of treatment by private and public institutions and agencies. Class work is supplemented by field trips to county and state institutions. *Five hours a week, spring quarter.* Professor Brown.

198 (28). JUVENILE DELINQUENCY.

This course deals with the diagnosis and treatment of juvenile delinquency from the social worker's viewpoint. Under diagnosis will be taken up the methodology of the social scientists in this field, and the evaluation of the different causative factors of juvenile delinquency. Under treatment will be covered the work of the juvenile court, probation, parole, and institutional care. *Five hours a week, winter quarter.* Professor Sanders.

199 (29). PUBLIC CARE OF CHILDREN.

This course is intended primarily for students who expect to follow social work as a profession. The major part of the course will be devoted to the study of methods and technique of the social agencies engaged in the social treatment of the different classes of children who stand in need of public care and protection, such as the delinquent child, the dependent or neglected child, the defective child, and children in employment. The latter part of the course will be devoted to a discussion of public responsibility for the welfare of children in general, especially from the standpoint of education, health, and maintenance. *Five hours a week, spring quarter.* Professor Sanders.

Courses Primarily for Graduates

208 (108). METHODS IN SOCIAL RESEARCH.

Outlines of social research including the spirit of scientific research, social research and the new alignment of the social sciences, the historical approach to the social sciences, the qualifications of the social research specialist, the divisions and general methods of social science, types of method and approach; the statistical, the survey, the experimental, the case; the biological, the psychological, the anthropological or comparative, the historical; the range of general sources, research agencies and groups, reading and bibliography as tools, the utilization of notes and records, schedules, questionnaires and forms, common sense technique, preparation of manuscript and publication, examples of social research and bibliographies. *Five hours a week, fall quarter.* Professor Odum.

209 (109). SOUTHERN REGIONAL SOCIAL PROBLEMS.

An extended survey of the field of regional social problems in the Southern States, classified and grouped under certain sociological categories and physical backgrounds, cultural patterns, processes of social change, social incidence, individual and social differentiation, institutions and leadership, social programs, social science, and social research. Topical analysis and extensive questions supplemented with concrete data and special thorough study of given selected problems. *Five hours a week, winter quarter.* Professor Odum.

210. FOLK SOCIOLOGY.

A study of collective representations and processes attempting descriptive accuracy primarily through portraiture and analyses. The primary basis of the course will be concrete materials related to folk attitudes and cultures, ranging from primitive folklore and folk wisdom to regional culture patterns. The chief objective is an attempt to seek certain contributions to social theory as related to the building of cultures. *Five hours a week, spring quarter.* Professor Odum.

251 (105). SOCIAL ANTHROPOLOGY.

The origin, content, and distribution of culture; the modern cultural environment; Southern regional culture traits. *Five hours a week, spring quarter.* Professor Johnson.

327, 328, 329 (127, 128, 129). GRADUATE RESEARCH SEMINARS.

Research in selected topics. *Five hours a week, fall, winter, and spring quarters.* Professor Odum.

331, 332, 333 (130, 131, 132). GRADUATE RESEARCH SEMINARS.

Research in selected topics. *Five hours a week, fall, winter, and spring quarters.* Professor Groves.

334 (134). EUROPEAN SOCIOLOGY.

The development of social thinking from the earliest times to the present with particular emphasis upon recent trends and schools. (Not given in 1931-1932.) *Five hours a week, fall quarter.* Professor Bernard.

335 (135). AMERICAN SOCIOLOGY.

Social thought in the nineteenth and twentieth centuries, stressing especially the recent tendencies in sociological theory and investigation. (Not given in 1931-1932.) *Five hours a week, winter quarter.* Professor Bernard.

336 (136). RECENT SOCIOLOGICAL THEORY.

An intensive developmental study of some phase of recent sociological theory. The field selected will vary from year to year. (Not given in 1931-1932.) *Five hours a week, spring quarter.* Professor Bernard.

341 (141). SEMINAR. Individual research in a special field under the direction of a member of the Department.

DEPARTMENT OF ZOÖLOGY

Professors WILSON, COKER; Associate Professor *BEERS; Acting Assistant Professor VALENTINE; Teaching Fellow WILLIAMS; Assistants MRS. FULLER, MESSRS. DENDY, KJELLESVIG, HECKENBLEIKNER.

Courses for Undergraduates

41a (1a). FUNDAMENTALS OF ANIMAL BIOLOGY. Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 41b.

Elements of anatomy, physiology, and classification of animals. *Three hours a week, fall or winter quarter.* Professor Coker.

41b (1b). PRACTICAL STUDIES IN ANIMAL BIOLOGY. Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 41a.

Dissection of animals and study of tissues, to give the foundation for an understanding of the organization and functions of vertebrate animals and especially of man. *One lecture and four laboratory hours a week, fall or winter quarter. Laboratory fee, $5.00.* Professor Coker and Assistants.

42a (2a). DEVELOPMENT OF ANIMALS. Sophomore, Junior, and Senior elective. Prerequisite, Zoölogy 41ab.

Basic facts and theories of individual development, heredity, and evolution. *Three hours a week, spring quarter.* Professor Wilson.

42b (2b). INVERTEBRATE ZOÖLOGY. Sophomore, Junior, and Senior elective. Prerequisite, Zoölogy 41ab.

Study of invertebrate animals as examples of the varied forms of life and as concrete illustrations of the principles of biology. Field trips are made for the purpose of observing animals in nature. *One lecture and four laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professor Coker and Assistants.

* Absent on leave, 1930-1931.

Courses for Graduates and Advanced Undergraduates

103 (3). COMPARATIVE ANATOMY OF VERTEBRATES. Prerequisite, Zoölogy 41ab and 42 ab.

Dissection of types especially amphioxus, petromyzon, fish, fowl, rabbit. Laboratory work with occasional lectures. *Ten laboratory hours a week, fall quarter. Laboratory fee, $5.00.* Professor Beers.

104 (4). COMPARATIVE EMBRYOLOGY OF VERTEBRATES. Prerequisite, Zoölogy 41ab and 42ab.

Maturation and fertilization phenomena in some invertebrate types; segmentation and formation of germ layers in frog and teleost fish; germ layers and development of characteristic vertebrate organs in chick; essentials of microscopic technique. Laboratory work with occasional lectures. *Ten laboratory hours a week, winter quarter. Laboratory fee, $5.00.* Professor Beers.

105 (5). COMPARATIVE HISTOLOGY OF VERTEBRATES. Prerequisite, Zoölogy 104.

Microscopic preparations of selected tissues and organs are made from the fresh animal and studied with the help of texts and original papers. Laboratory work with assigned reading and seminar reports. *Ten laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professor Beers.

106-107-108 (6-7-8). MORPHOLOGY AND CLASSIFICATION OF THE INVERTEBRATES. Prerequisite. Zoölogy 41ab and 42 ab.

Dissection and microscopic study of types of the chief orders, with some consideration of life histories; systematic diagnosis. Laboratory work with occasional lectures. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00.* Professor Wilson.

109 (9). INTRODUCTION TO HYDROBIOLOGY. Prerequisite, Zoölogy 41ab and 42ab.

A study of animal life in water, with special reference to the relation of animals to each other and to their environments. Field and laboratory work, lectures, reading of special papers, discussions. *Five hours (lectures and equivalent laboratory) a week, fall quarter. Laboratory fee, $5.00.* Professor Coker.

110 (10). INTRODUCTION TO PROTOZOÖLOGY. Prerequisite, Zoölogy 41ab and 42 ab.

A consideration of the structure, classification, and life histories of the one-celled animals, with special reference to those of medical importance—in particular, the intestinal protozoa and the causative agents of malaria and the sleeping sickness. *Lectures and demonstrations, five hours a week, winter quarter.* Professor Beers.

Courses Primarily for Graduates

209-210-211 (109-110-111). GENERAL EMBRYOLOGY AND REGENERATION.

Embryology and regeneration in the lower metazoa and simpler vertebrates. *Not less than ten laboratory hours a week, fall, winter, and spring quarters. Seminar reports. Laboratory fee, $5.00 a quarter.* Professor Wilson.

212-213-214 (112-113-114). HYDROBIOLOGY. Prerequisite, Zoölogy 109.

The study of aquatic organisms and environments, with attention restricted to a particular topic, as a small group of animals, a limited set of habitats, or special phenomena of behavior. The work is on the border line of research.

involving critical examination of literature, as well as field and laboratory study and seminar reports. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Professor Coker.

215 (115). PROTOZOÖLOGY.
Special study of the protozoa living in man and lower animals, with consideration of host-parasite relationships and with comparative studies on a few free-living forms. Laboratory work with occasional lectures, assigned readings, and seminar reports. *Ten laboratory hours a week, fall or spring quarter. Laboratory fee, $5.00.* Professor Beers.

316 (116). RESEARCH.
Under this heading may be credited the work of a single quarter or that of one or more years. *Six or ten or more laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 or $5.00.* Professor Wilson or Professor Coker or Professor Beers.

PART FOUR

THE COLLEGE OF LIBERAL ARTS
THE SCHOOL OF APPLIED SCIENCE
THE SCHOOL OF ENGINEERING
THE SCHOOL OF EDUCATION
THE SCHOOL OF COMMERCE
THE SCHOOL OF PUBLIC WELFARE
THE GRADUATE SCHOOL
THE SUMMER SCHOOL
THE UNIVERSITY EXTENSION DIVISION

THE COLLEGE OF LIBERAL ARTS

FRANK PORTER GRAHAM, M.A., *President.*
ALLAN WILSON HOBBS, Ph.D., *Dean.*

*THE ADMINISTRATIVE BOARD

GEORGE HOWE, Ph.D., *Professor of the Latin Language and Literature.*

WALTER DALLAM TOY, M.A., *Professor of the Germanic Languages and Literatures.*

WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology.*

MARION REX TRABUE, Ph.D., *Professor of Educational Administration.*

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MILLARD SHERIDAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*

HOWARD RUSSELL HUSE, Ph.D., *Associate Professor of Romance Languages.*

CORYDON PERRY SPRUILL, A.B., B.Litt. (Oxon.), *Associate Professor of Economics.*

GEORGE RALEIGH COFFMAN, Ph.D., *Kenan Professor of English.*

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
† Absent on leave, fall quarter, 1930.

REQUIREMENTS FOR ADMISSION

See page 55.

EXPENSES

See pages 60-64.

GENERAL STATEMENT

Historical Background

From the earliest founding of higher education in America, Colleges of Liberal Arts have played a responsible and major part in the training of citizens for the varied activities of life. For many years prior to our recent enthusiasm for specialization these colleges were the only form of higher education, the belief being that a man trained adequately in intellectual *habits* and given a sufficient cultural background had the best possible equipment for entering life and the professions. In recent years with the intense specialization of careers and the narrowing of departments of thought, the college has stood for the more liberalizing courses, as distinguished from specialized vocational or professional training, in the conviction that a trained mind is still a desideratum in contemporary life.

The position of the College of Liberal Arts at the University of North Carolina is analogous to that of similar colleges in others of America's better institutions—it is the original unit of education from which other schools have sprung. When the constitution of North Carolina promulgated its plan for the education of the State's citizenry as a function of the State, it was the College of Liberal Arts which was first brought into being. The wording of the preamble to the Act of Incorporation is significant: ". . . in all well regulated Governments it is the indispensable Duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honorable Discharge of the Social Duties of Life, by paying the strictest attention to their Education." The College of Liberal Arts of the University of North Carolina, then, was foreseen in the first constitution of the State adopted in December, 1776, was provided for in the charter granted by the General Assembly in 1789, and took its first material existence in the construction of Old East Building in 1793, thus proving itself the nucleus of the oldest state university in America.

Organization

As a division of the University of North Carolina, the College of Liberal Arts is under the control of the Board of Trustees and the President of the University; as a unit functioning within this larger institution, the College is governed by its own Administrative Board, by the Undergraduate Faculty, and by a dean whose responsibility as an administrative officer it is to carry out the regulations of these groups and to initiate such programmes as may seem neces-

sary for the development of the best educational practices and for the promotion of the welfare and rounded development of the student. Within the College of Liberal Arts there are twenty-one departments of instruction, each department functioning under its own head or chairman. The departments represented are: botany, chemistry, classical languages and literatures, economics, education, English, general and comparative literature, geology, Germanic languages, history and government, journalism, library science, mathematics, music, philosophy, physics, psychology, Romance languages, rural social economics, sociology, and zoölogy.

Aims and Purposes

A liberal education such as should be found within this college is designed to free the individual from thoughtless prejudice, hasty judgment, and careless imitation, and to set up in place of these evils a mind trained carefully in self-mastery, self-criticism, and independence of thought. The one essential of such an education must be found in *intellectual development;* yet this development must train numerous powers of the mind rather than present a specialized training of one power at the expense of the others. This last is the province of the vocational and professional schools and comes more properly after the student has had his undergraduate training within the college. Education is distinguished from ignorance by one quality—a man's capacity to act wisely, intelligently, in a *new* situation, in a position where he has never before found himself. In this way it is the purpose of the College of Liberal Arts through its courses in language and literature, science and history, to make the student familiar with the past experience of humanity in order that with this familiarity he may govern himself intelligently in the present and shape thoughtfully his own future and that of the society into which he is thrown. Through this experience and familiarity with the past, the student should develop not only his intellectual power but should derive the added qualities of a strengthened character and an independence of action which make for leadership.

That these purposes may be served, there are, within this college, three types of courses offered. In the first two years most of the studies pursued are of a preparatory nature, studies which offer the grounding for future work. This type of course is intended as a *tool* which the student can use later in his more advanced study. An illustration of this kind of subject is found in the beginning language courses. Here the purpose is not to drill the students in grammar as an end in itself, but rather to lay the foundation for an understanding of the language that later the student may study the literature of the country or be at home with its publications and journals for purposes of research or individual pleasure.

A second type of course is that which is usually called *cultural.* Here the intent is to widen the horizons of one's intelligence and

appreciation, to give broader perspectives, sound mental habits, and a sense of social responsibilities. Obvious examples of such training are found in the social and natural sciences, in literature, in courses on the history of art. Education of this type when successfully carried out results in a fundamental change in the individual, in his make up and outlook. Personal attitudes change and develop. Latent capacities perhaps unknown come to the front. New and unsuspected interests and enthusiasms find expression. Somewhere within himself the student discovers a new bit of talent which from that time forth it is his delight to exercise and develop. With it comes a quickening towards life and an added responsibility for self-expression and for living to the full of one's powers.

A third type of course—the *vocational*—also finds place within this college. In America today there are perhaps several hundreds of vocations calling for trained men and women. Not all of our professional people are trained in the schools of law, of engineering, of medicine. Citizenship of this century has countless uses for the trained mind. And except for those professions mentioned, and a few others, most of these specialists come from our colleges of liberal arts and from intensive training in the graduate school. Biologists, journalists, economists, social workers, writers, artists—all these and many more are specialists and professional workers in the same sense as the engineer or the lawyer, and yet what professional training they have secured has come from fields within the province of the College of Liberal Arts.

In brief, then, it must be said that the purpose of the College of Liberal Arts is to secure for the students intellectual development and intelligent action through the pursuit of learning which is of three types: preparatory, cultural, and vocational. And in the end towards which these studies point is a development of all inherent powers, the discovery of latent capacities, and the ability to express intelligently one's own will, one's own ideas, and one's own emotions. From a full use of these opportunities should result a greater enrichment of the individual life and a more intelligent, a more throughtul citizenship.

COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS

The course leading to the degree of Bachelor of Arts is designed to provide a general, well-rounded, liberal education.

In order to be recommended for the degree a student must pass satisfactorily in thirty-six whole courses or equivalent including the prescribed subjects listed below and elective subjects in accordance with the requirements stated. In his senior year each student must also pass a comprehensive examination in the field of his major study. In case required freshman courses are taken after the student begins his seventh quarter or required sophomore courses are taken after he begins his tenth quarter, half credit only is allowed.

In the first two years the student pursues a more or less definite curriculum in the following subjects:

English, three and one-half courses; Foreign Languages, three courses in each of two languages; History, one and one-half courses; Mathematics, two courses; Science, two courses; Elective, three courses.

Beginning with the junior year the work is on an elective basis, providing what is deemed a proper amount of concentration in study and, at the same time, a certain distribution of subjects.

Students who expect at some time to carry out investigation in any science or scientific profession, such as medicine or engineering, are earnestly recommended to enter upon their senior year with a reading knowledge of German and French. Class work in these subjects should have included at least four courses in German and two in French.

Attention is called to the courses leading to the A.B. in Journalism, and the A.B. in Music, and to the work outlined for Degrees with Distinction.

Certain work in the School of Law or the School of Medicine may be counted towards the degree of Bachelor of Arts. The interested student should consult the Dean of the College of Liberal Arts or the Registrar of the University.

Freshman Year

English 1abc	*Select	Greek†
Mathematics 1-2	two	Latin‡
History 1-2-3	languages	French 3-4
		German¶
		Spanish 3-4

By postponement of any one of these double courses until the sophomore year, a double course in science (Botany 1, 43; Chemistry 1-2; Zoölogy 41-42; Geology 11-12) may be taken in the freshman year. See above, however, for reduction of credit in case freshman courses are taken after the student begins his seventh quarter.

First year students may take not more than three courses in any one quarter except by special permission of the Dean.

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* It is expected that the languages in which the student presented high school credit are to be continued here. If other languages are chosen, it is necessary to take a greater number of courses to complete the requirements in foreign languages.

† Greek 11 and 12 are to be taken if the equivalent of Greek 1-2 has been offered at entrance. Note that Greek through course 21 is required to complete the sophomore requirement in this language.

‡ Latin 11 and 12 are to be taken if 4 units in Latin have been offered at entrance, Latin 2 and 11 if 3 units have been offered at entrance, Latin 1 and 2 if 2 units have been offered at entrance. In the last instance Latin 11 is to be taken in the sophomore year. Students who have offered 3 or 4 units are required to take 2 courses of college grade; those who have offered 2 units must take 3 such courses.

¶ German 3-4 is to be taken if the equivalent of German 1-2 has been offered at entrance. Note that German 3-4 and an additional course (21, 22, 31, or 32) are required to complete the sophomore requirement in this language.

Sophomore Year

English 21-22

Select one:
- Botany 41, 43
- Chemistry 1-2
- Geology 11-12
- Physics 21-22
- Psychology 21-22
- Zoölogy 41-42
- Botany 41 and Zoölogy 41

*Continue two languages:
- Greek
- Latin
- French 21
- German 21
- Spanish 21

Elective, 3 courses (see below)

†Sophomore Electives

Botany 41, 43
Chemistry 1-2
Economics 11, 31-32, 35
English 41, 42, 43, 44, 45, 46, 50, 51, 81, 82, 91
French 3-4, 21, 22
Geology 11-12
German 3-4, 21, 22, 31, 32
Greek 11, 12, 21, 53, 58
Government 21, 22
History 12, 41-42, 45-46, 47-48
Latin 11, 12, 22, 51, 71
Mathematics 13, 24, 25
Philosophy 41
Physics 21-22
Psychology 21-22
Sociology 41, 42
Spanish 3-4, 21, 22
Zoölogy 41, 42

If a course in science has been taken in the freshman year, the freshman course then postponed must be taken in place of the course in science required of sophomores.

Not more than three whole courses and one half course may be taken in any one term except by special permission of the Dean. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

SYSTEM OF ELECTIVES

For the purpose of providing the necessary concentration and distribution of electives in the junior and senior years, the student is required to elect one major field of study. The head of this major department (or his authorized representative) then controls the student's work for both his major and minor. The student is required to pass 6 to 8 courses in his major department and 3 or 4 courses in a second (or minor) department to be specified by the adviser in his major subject.

Junior Year

A junior shall pursue elective studies amounting to nine courses, chosen according to the following regulations:

Each student is required to elect, in each quarter, either three whole courses or two whole courses and two half courses. A student will be permitted to take not more than three whole courses and one half course in any one quarter, except by permission of the Dean, and in no case will he be permitted to pursue more than four

* See foot-notes on preceding page.

† The three elective courses must be chosen from this list and cannot be courses used by the student to meet any other requirements. Note that if only two courses in Latin are required the number of sophomore electives becomes four instead of three.

courses at one time, except by special permission of the Administrative Board. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

One department from among the various departments in the college must be selected for concentrated study. This is known as the *major* department. Not fewer than three courses nor more than five courses may be elected in this department in the junior year. The courses are to be decided upon only after consultation with the head of the department. It lies within the discretion of the head of the department whether these courses shall be prescribed in his own department, or any part of them in allied departments.

The remaining courses (four to six) are free electives, subject only to the restriction that one or two courses must be chosen from a department representing the student's *minor*. This choice should be made with a view to the continuance of the same subject in senior year (see senior requirements) and under the direction of the head of his major department.

The remaining courses, if any, shall be free electives in any courses open to juniors.

Senior Year

A senior shall pursue elective studies amounting to nine courses, chosen according to the following regulations:

Each student is required to elect, in each quarter, either three whole courses or two whole courses and two half courses. A student will be permitted to take not more than three whole courses and one half course in any one quarter, except by permission of the Dean, and in no case will he be permitted to pursue more than four courses at one time, except by special permission of the Administrative Board. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

A senior shall continue in the department of concentrated study begun in the junior year, known as his *major*. Not fewer than three courses nor more than five courses may be elected in this department in the senior year. The courses are to be decided upon only after consultation with the head of the department. It lies within the discretion of the head of the department whether these courses shall be prescribed in his own department, or any part of them in allied departments.

The remaining courses (four to six) are free electives, except that enough courses must be chosen in his *minor* department, in which a course has already been elected in his junior year, to complete the *minor*.

Before being eligible for a degree, a senior must pass to the satisfaction of his major department a comprehensive examination

in the subject of his major. This examination will normally be given in the winter quarter of the senior year.

COURSE LEADING TO THE DEGREE OF A.B. IN JOURNALISM

The course of study for the first two years is the same as that required of all other candidates for the A.B. degree.

The following twelve and one-half courses are specified in the junior and senior years:

English 52 or 53 or 54
Economics 31-32
Government 21 and 131
History 47-48 or 161-162
Commerce 162 or Psychology 136
Four and one-half courses in Journalism.

Five and one-half courses elective are to be chosen. The following list is suggested, but the student may make other selections provided he secures the consent of the head of the Department of Journalism.

Economics 141, 191, 195
English 52, 53, 54, 82, 143
An advanced elective in one foreign language
Geology 53
Library Administration 99
Economics 11
Philosophy 56 or 57 or 131-132-133

COURSE LEADING TO THE DEGREE OF A.B. IN MUSIC

The following courses are prescribed for the first two years:

English 1abc, 21-22
Foreign Language, 6 courses (3 courses in each of two foreign languages)
History 1-2-3
Music, the following courses: 1, 7-8-9, 21-22-23, 24-25-26

During the junior year Psychology 21 and 22 are required. During the junior and senior years 7½ courses in music are required, including Music 80-81-82 unless special arrangement is made with the head of the department.

DEGREES WITH DISTINCTION

Honors of two grades, *Honors* and *Highest Honors*, will be awarded at Commencement to those candidates for the degree of Bachelor of Arts who have done distinguished work in a group of related subjects. Every candidate for Honors must register before the end of the first quarter of his junior year with the Committee on Degrees with Distinction. He shall file a statement, properly approved, of the courses which he proposes to elect, and these electives shall be such as to show a unified plan and to provide for a field of concentrated study involving, as a rule, two departments within the division in which his major work lies. In connection with the regular courses, candidates are expected to do, in term-time and in vacations, a considerable amount of additional reading, or such other supplementary work as may be prescribed by the department. In every case such additional work must be closely

related to the general plan of study adopted by the candidate. Students will have the guidance and assistance of special instructors, and small groups will be formed for the discussion of the reading and of the courses. This tutorial assistance will be entirely independent of the conduct of the courses, the object being to stimulate interest in reading not required as a part of the regular class-work for its cultural value rather than for direct preparation for examinations.

Besides the careful organization of the plan of study and the conferences, a thesis and a final oral examination are required. The thesis need not necessarily be a contribution to knowledge, but is designed to show the ability of the student to use his knowledge with intelligence and to interpret facts and his personal reaction upon the material studied in the courses or derived from the supplementary reading. The examination will test the candidate's knowledge of the whole field of concentrated study, and will also test his proficiency in a special topic within the general field. The aim of the entire plan of study is thus to secure, as far as possible, a conception of a field of learning as a unity; to prevent, through the various measures named above, undue emphasis on the separate courses as independent units; and to lay the foundation for right methods through concentrated study in some part of the field.

The administration of the Honors courses is vested in a Committee on Degrees with Distinction, which consists of representatives from each of the three divisional groups into which the Faculty of the College of Liberal Arts is divided. At present Honors are offered in the Division of Languages and Literature and in the Department of History and Government on the terms set down below.

Requirements for Honors in Language and Literature

1. A reading knowledge of one language besides English.
2. Six courses chosen from those open to Juniors, Seniors, and Graduates. Of these, four are to be in one department, the other two may be (*a*) in another literature, or (*b*) in history, provided the courses are closely correlated with work in the major subject. But other combinations may be made, provided they show a definite plan.
3. In every case the major and minor groups constituting the six courses must show a definite relationship: *e.g.*, the study of a period, such as Romanticism in France, Germany, and England, this study including history as well as literature; or the study of a type, such as tragedy, in at least two literatures; or the study of the influence of some writer, for example, Plato, Vergil, Dante, Shakespeare, Goethe, or some literature other than his own. Other means of securing correlation may be approved.
4. Acquaintance with the following subjects is to be gained within or outside courses regularly elected: (*a*) the history of the

literature chosen for the major subject, including the principal masterpieces, illustrating its development; (*b*) some acquaintance with the political and social history of the nation whose literature is so elected; (*c*) some acquaintance with the history and philology of the language. The extent of the candidate's knowledge of these topics, as well as of the field or topic chosen for intensive study, will be tested by the examination to be held near the end of the senior year.

5. An essay of some length is to be written upon some topic belonging to the field chosen for intensive study. This essay must show (*a*) investigation and mastery of facts; (b) power of interpretation; (*c*) excellence in composition and style.

6. In estimating the value of the candidate's work due regard will be paid to the grades attained by him in his regular college courses, but the matter of grades is subsidiary to other considerations, such as the extent and quality of his reading, the maturity of his thought, and his ability to use his knowledge effectively.

Requirements for Honors in History and Government

1. Students majoring in History and Government may on approval of the Department elect to "read for honors." This election must be made before the end of the first quarter of the junior year.

2. Such students shall select one of the following fields for "reading:" Ancient and Medieval History; Modern European and English History; American and Hispanic-American History; Applied Politics and Government; Political Science and the Political Philosophy. For the direction of the "reading," a committee of the Department will be appointed for each student.

3. Students reading for honors will be expected to take such seminar courses to be given by members of the Department or by visiting scholars as the Department may require.

4. From time to time the Committee shall receive reports from students on readings.

5. Students undertaking this work will be expected to submit before the end of the senior year an essay, prepared under the guidance of the committee. While not necessarily a contribution to knowledge, the paper should show mastery of the technique of historical research.

6. Near the close of the senior year, the student will be required to stand an oral examination in which he will be expected to show a reasonable mastery of the field of his specialization and of such other courses as he shall have taken in the department.

7. Students who pass shall receive credit of two full courses toward graduation and at Commencement shall be given a certificate. There shall be two grades—"with honors" or "with highest honors."

THE SCHOOL OF APPLIED SCIENCE

FRANK PORTER GRAHAM, M.A., *President.*
JAMES MUNSIE BELL, Ph.D., *Dean.*

*THE ADMINISTRATIVE BOARD

ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics.*
COLLIER COBB, A.M., D.Sc., *Professor of Geology.*
WILLIAM MORTON DEY, Ph.D., *Professor of the Romance Languages and Literatures.*
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†EDWARD VERNON HOWELL, A.B., Ph.G., *Dean of the School of Pharmacy.*
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JOHN GROVER BEARD, Ph. G., Ph.M., *Acting-Dean of the School of Pharmacy.*

REQUIREMENTS FOR ADMISSION

See pages 55-56.

EXPENSES

See pages 60-64.

COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

In order to be recommended for the degree of Bachelor of Science in this School the student must have passed satisfactorily in all the studies required in one of the following curricula outlined in this department. Each curriculum combines instruction in certain sciences and their application to the arts, with certain other general studies deemed essential to a liberal education. These curricula are designed to furnish the fundamental instruction and to prepare students to pursue the technical professions to which they lead. The curricula leading to the degree are four in number, as follows:

Bachelor of Science in Chemistry.
Bachelor of Science in Medicine.
Bachelor of Science in Geology.
Bachelor of Science in Pharmacy.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
† Deceased.

In case required freshman courses are taken after the student begins his seventh quarter or required sophomore courses are taken after he begins his tenth quarter, half credit only is allowed.

Besides the curricula leading to degrees as shown above, this School offers curricula preparatory to the study of medicine and of dentistry. Outlines of the curricula leading to degrees and of these premedical and predental curricula are given below.

BACHELOR OF SCIENCE IN CHEMISTRY

FRESHMAN YEAR

Fall Quarter: Chemistry 1, Mathematics 2, English 9a.

Winter Quarter: Chemistry 2, Mathematics 1, English 9b.

Spring Quarter: Chemistry 31, Chemistry 6, Mathematics 13, English 9c.

SOPHOMORE YEAR

Fall Quarter: Chemistry 41, Chemistry 51, Mathematics 24, English 21.

Winter Quarter: Chemistry 42, Chemistry 61, Mathematics 25, Physics 21.

Spring Quarter: Chemistry 43, Chemistry 62, Physics 22, English 22.

JUNIOR YEAR

Fall Quarter: Chemistry 66, Chemistry 91, Chemistry 163, Engineering 00.

Winter Quarter: Chemistry 92, Chemistry 81, Engineering 00.

Spring Quarter: Chemistry 82, Chemistry 86, Engineering 00.

SENIOR YEAR

Fall Quarter: Chemistry 121, Chemistry 191, Geology 43, Elective.

Winter Quarter: Chemistry 122, Chemistry 192, Geology 44, Elective.

Spring Quarter: Chemistry 123, 2 Elective Courses.

Suggested Electives: Chemistry 71, 93, 101, 164, 165, 167, 168, 183, 184.

BACHELOR OF SCIENCE IN MEDICINE

NOTE: Students pursuing the academic subjects listed below are hereby notified that the completion of these courses does not necessarily mean admission to our School of Medicine. From the rather long list of applicants are chosen about forty who are deemed the most promising material for admission to our School. No arrangement exists for granting the degree of S.B. in Medicine for work in any medical school other than ours. Therefore, in order to secure our S.B. in Medicine, the student must complete the two years of work offered in our School of Medicine and in no other such school.

FRESHMAN YEAR

Fall Quarter: English 1a, Chemistry 1, Mathematics 1a, French 3 or German 3.*

Winter Quarter: English 1b, Chemistry 2, Mathematics 1b, French 4 or German 4.*

* See note * on following page.

Spring Quarter: Botany 1, English 1c, Mathematics 1c, Chemistry 31.

SOPHOMORE YEAR

Fall Quarter: Zoölogy 41, English 21, French 21 or German 21.*

Winter Quarter: Physics 21, English 22, Chemistry 42.

Spring Quarter: Zoölogy 42, Physics 22, French 22 or German 22.*

JUNIOR YEAR

Fall Quarter: Psychology 21, †Elective, 2 courses.

Winter Quarter: Psychology 22, Chemistry 61, †Elective, 1 course.

Spring Quarter: Chemistry 62, †Elective, 2 courses.

BACHELOR OF SCIENCE IN GEOLOGY

FRESHMAN YEAR

Fall Quarter: Geology 11, Chemistry 1, Mathematics 1a, English 1a.

Winter Quarter: Geology 12, Chemistry 2, English 1b, Mathematics 1b.

Spring Quarter: Mathematics 1c, Chemistry 31, English 1c, German 3 or Spanish 3 or French 3.‡

SOPHOMORE YEAR

Fall Quarter: Geology 43, German 4 or Spanish 4 or French 4, Botany 41.

Winter Quarter: Geology 44, Physics 21, English 21.

Spring Quarter: Geology 41, English 22, Physics 22, Geology 47.

Summer Session: Geology 48-49 or equivalent.

NOTE: Each student is required to pass a test in place geography before beginning his junior year.

JUNIOR YEAR

Fall Quarter: Geology 121, ¶Elective, 2 courses.

Winter Quarter: Geology 122, ¶Elective, 2 courses.

Spring Quarter: Geology 51 or elective, ¶Elective, 2 courses.

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* If French is not offered as an entrance credit, the elementary courses must be taken in the University without credit. The same principle applies to German. Note that this curriculum requires four courses of college grade work in French or German above the elementary courses 1 and 2, or two such courses in French *and* two such courses in German. In case both French and German are taken, note that the requirements are French through course 4 *and* German through course 4. In case only one language is taken, that language must be continued through French 22 or German 22 according to the language chosen.

† Note that five full courses of electives are required in addition to the courses prescribed above, making twenty-seven full courses of college work, exclusive of any elementary courses in French or German which may be taken to make up the entrance requirement in either language.

‡ If no modern foreign language was offered for entrance, the elementary courses 1 and 2 in one language must be taken in the University without credit, and these must be followed by courses 3 and 4 in the same language.

¶ All electives in both junior and senior years, must be chosen in conference with the instructor in charge of the student's special program of work.

SENIOR YEAR

Fall Quarter: Geology (elective), *Elective, 2 courses, Seminar.
Winter Quarter: Geology (elective), *Elective, 2 courses, Seminar.
Spring Quarter: Geology (elective), *Elective, 2 courses, Seminar.

BACHELOR OF SCIENCE IN PHARMACY

FRESHMAN YEAR

Fall Quarter: Chemistry 1, English 1a, Mathematics 1a, Botany 11.
Winter Quarter: Chemistry 2, English 1b, Mathematics 1b, Botany 12.
Spring Quarter: Pharmacology 20, Chemistry 31, English 1c, Mathematics 1c.

SOPHOMORE YEAR

Fall Quarter: Pharmaceutical Chemistry 25, Pharmaceutical Chemistry 26, Chemistry 41, Physics 21.
Winter Quarter: Pharmacy 11, Materia Medica 20, Chemistry 42.
Spring Quarter: Pharmacy 12, Pharmacy 15, Materia Medica 21, Physics 22.

JUNIOR YEAR

Fall Quarter: Pharmacy 20, Materia Medica 30, Pharmacology 32, †French 3 or German 3.
Winter Quarter: Pharmacy 21, Pharmacy 38, Chemistry 61, †French 4 or German 4.
Spring Quarter: Pharmacy 28, Chemistry 62, Chemistry 71, English 21.

SENIOR YEAR

Fall Quarter: Pharmacy 30, ‡Economics 31 or Psychology 21, English 22.
Winter Quarter: Pharmaceutical Chemistry 40, ‡Economics 32 or Psychology 22, ¶Pharmaceutical Chemistry 43 or Bacteriology or Zoölogy 41.
Spring Quarter: Pharmacy 31, Pharmacy 49, Pharmaceutical Chemistry 41, ¶Pharmaceutical Chemistry 44 or Bacteriology or Zoölogy 42.

PREMEDICAL OR PREDENTAL COURSE
(Suggested Two Year Course)

FRESHMAN YEAR

Fall Quarter: Chemistry 1, English 1a, Mathematics 1a, †French 3 or German 3.

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* All electives must be chosen in conference with the instructor in charge of the student's special program of work.
† If neither French or German is offered for entrance, the elementary courses 1 and 2 in one language must be taken in the University without credit. Note that this curriculum requires French *or* German through course 4.
‡ The subject chosen in the fall quarter must be continued in the winter quarter.
¶ The subject chosen in the winter quarter must be continued in the spring quarter.

Winter Quarter: Chemistry 2, English 1b, Mathematics 1b, French 4 or German 4.
Spring Quarter: Chemistry 31, English 1c, Mathematics 1c, Botany 1.

SOPHOMORE YEAR

Fall Quarter: Zoölogy 41, Psychology 21, Physics 21.
Winter Quarter: Physics 22, English 21, Chemistry 61.
Spring Quarter: Psychology 22, Zoölogy 42, Elective, 1 course.

The course outlined above is planned with the object of preparing a student in the shortest possible time to enter upon the study of medicine. It is not laid down as inflexible but is suggested to meet the requirements of Schools of Medicine which require only two years' of academic work (sixty semester hours). Further work in physics and in organic chemistry should be taken in the summer following the completion of the above work if possible.

Students preparing for the study of dentistry are advised to follow the course outlined above. It is recommended, however, that they secure at least the equivalent of one course in drawing. At present Schools of Dentistry vary as to entrance requirements from graduation from a high school to two years of college work. Those requiring one year of college work set as a minimum the completion of the following subjects in the amounts stated: Six semester hours in each of the following—English, general chemistry, biology (or college physics) (the latter unless 1 unit was presented for entrance), and one subject from foreign language, history, mathematics, technical drawing. The remaining six semester hours are free electives.

The course outlined below, while not so complete as the two-year course above, is planned to meet the entrance requirements of Schools of Dentistry which admit students who have had one year of college work. If the applicant has presented one full unit of credit in Physics from his high school, Physics 21-22 are not required but are strongly recommended in any case. In case Physics 21-22 are not taken the student is required to take other courses of college grade in order to make his total credits sufficient to meet the requirement of thirty semester hours. History 1-2-3 are recommended for this purpose.

ONE YEAR PREDENTAL COURSE

NOTE: The predental student who has selected the dental school in which he desires to do his work should secure a catalogue of such school, note well its requirements, and conform his predental training to them.

Fall Quarter: Botany 1, Chemistry 1, English 1a, Mathematics 1a.
Winter Quarter: English 1b, Mathematics 1b, Physics 21, Zoölogy 41.
Spring Quarter: Chemistry 2, Mathematics 1c, English 1c, Physics 22.

By attending the summer quarter the student may lighten somewhat the course in the winter quarter and can secure valuable work in qualitative analysis. This course of action is advisable especially if the student is obliged to take physics after he enters. Instead of the arrangement shown above the work should be taken in the following order:

Fall Quarter: Chemistry 1, English 1a, Botany 1, Mathematics 1a.
Winter Quarter: English 1b, Mathematics 1b, Chemistry 2, Zoölogy 41.
Spring Quarter: Physics 21, Chemistry 31, Mathematics 1c, English 1c.
Summer Quarter: Physics 22, Elective, 2 courses.

THE SCHOOL OF ENGINEERING

FRANK PORTER GRAHAM, M.A., *President.*
†GUSTAVE MAURICE BRAUNE, C.E., *Dean.*
HERMAN GLENN BAITY, Sc.D., *Acting-Dean.*

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ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics.*
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GUSTAV THEODOR SCHWENNING, Ph.D., *Associate Professor of Business Administration.*
ALMONTE CHARLES HOWELL, Ph.D., *Associate Professor of English.*
ALFRED MCLAREN WHITE, Sc.D., *Associate Professor of Chemical Engineering.*

SPECIAL STAFF

†GUSTAVE MAURICE BRAUNE, C.E., *Professor of Civil Engineering.*
JOHN EMERY LEAR, E.E., *Professor of Electrical Engineering.*
¶THOMAS FELIX HICKERSON, A.M., S.B., *Professor of Civil Engineering.*
THORNDIKE SAVILLE, C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*
ELMER GEORGE HOEFER, M.E., *Professor of Mechanical Engineering.*
HERMAN GLENN BAITY, Sc.D., *Professor of Sanitary and Municipal Engineering.*
‡GEORGE FRANCIS BASON, M.E.E., *Professor of Electrical Engineering.*
GEORGE WALLACE SMITH, S.B. in E.E., *Associate Professor of Engineering.*
RALPH MCCOY TRIMBLE, C.E., S.M., *Associate Professor of Civil Engineering.*
NEIL PHILLIPS BAILEY, M.S., *Associate Professor of Mechanical Engineering.*
NATHANIEL PERKINSON HAYES, S.B. in C.E., *Acting Associate Professor of Civil Engineering.*
ARTHUR RUSSELL HOLLETT, S.B. in C.E., *Instructor in Engineering.*

† Deceased.
* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
¶ Absent on leave on the Kenan Foundation, winter and spring quarters, 1931.
‡ Resigned January 1, 1931.

Raymond Franklin Stainback, S.B. in E.E., *Instructor in Electrical Engineering.*
James Jerry Slade, Jr., S.B. in C.E., *Instructor in Engineering.*
Edwin Weems Winkler, S.B. in E.E., *Instructor in Engineering.*
John Dargan Watson, S.B. in C.E., *Instructor in Civil Engineering.*
Thomas Pasteur Noe, Jr., S.M., *Instructor in Civil Engineering.*

REQUIREMENTS FOR ADMISSION

See page 56.

EXPENSES

See pages 60-64.

HISTORICAL SKETCH AND DESCRIPTION OF COURSES

Courses in engineering of professional grade have been given for a number of years at the University of North Carolina. Up to June, 1922, the courses in engineering were grouped in the School of Applied Science; but owing to a rapid development in engineering here, and due to the great need of well trained professional engineers, especially in the State of North Carolina, the Board of Trustees separated the Department of Engineering from the School of Applied Science and authorized the formation of a distinct school of engineering. In this school, at present, are included the Divisions of Civil, Electrical, and Mechanical Engineering; the school offers a curriculum in Chemical Engineering also. With the formation of the School of Engineering ample opportunities were given to the Engineering School to expand along broad and cultural lines.

The instruction offered in the School of Engineering consists of four-year courses leading to the degrees of Bachelor of Science in Chemical, Civil, Electrical, and Mechanical Engineering.

The degree of Master of Science in Engineering will be conferred on students who have satisfactorily completed approved graduate work extending over not less than one year. The course of studies leading to the Master's degree will be found under the Graduate School.

The engineering courses have been developed along broad and cultural lines and the importance of cultural training as a part of a thorough technical education has been kept constantly in mind. The importance of English in the curriculum has been emphasized and the courses are arranged so that students will receive instruction in English during each of the four years. Much attention is also given to training the young students in public speaking. This is an acquired art, and a very successful adjunct of an engineering education. Engineers must necessarily be versed in business affairs, and to meet this condition students will devote considerable time to economics and business administration and management. During the first three years, the contents of the curriculum are practically the same for all engineering students. Fundamentals in mathe-

matics, mechanics, and other sciences are contained in these first three years while the application of these fundamentals are illustrated throughout the course by the solution of a number of practical problems in engineering.

The intimate contact of engineering students with the academic students and the participation of the former in all University activities is regarded as a valuable part of their general training, the making of a broad, cultural, all-round manhood.

COÖPERATIVE ENGINEERING EDUCATION

For the past twenty years or more a great amount of time and thought has been devoted to engineering by engineering teachers and the profession at large with the idea in mind of adopting some method in engineering education which would develop the observation and initiative of the students and bring them in touch with outside things during their theoretical training. Criticism has often been directed by practising engineers against young engineering graduates that they did not have any grasp or conception of practical things after four or five years of theoretical training.

In order to meet this criticism the University of Cincinnati installed in the fall of 1906 a method of engineering education which is called coöperative education. Under this plan the students spend half of their time at the University receiving their theoretical training and the other half with engineering or industrial firms thus securing some practical training during their collegiate period. This system of education has proven quite successful and has been adopted by a number of prominent institutions among which are Massachusetts Institute of Technology, the University of Pittsburgh, and New York University. The method of coöperation has been modified by several of the institutions that have adopted this system; for example, a plan has been arranged whereby only the junior class coöperates with the outside industries. This modified plan permits the students to get that touch with outside practice, but does not destroy the social and cultural contact which the students derive from full time association on the University campus during the freshman, sophomore, and senior years.

Realizing that the coöperative system of training young engineers is a distinct step forward, the Engineering School at the University of North Carolina adopted this plan of education in September, 1922.

Under this plan the students of the junior class, except those studying Chemical Engineering, are divided into two groups designated as Sections I and II. The students in each group spend half their time at the University and the other half in actual engineering work. Each student has an alternate so that when a student of Section I is at school his alternate in Section II is on the job. At definite intervals the student from Section II goes to school while his alternate in Section I takes his place on the job. This alternation

continues throughout the junior year up to the latter part of September. Both sections attend the University full time during their senior year.

In order to compensate for the time that the students are away from school during the junior year, instruction is given to all engineering students for a period of twelve weeks in the summer following the sophomore year, and for twelve weeks in the summer following the junior year to coöperative Section II. Under this plan the students receive the same amount of school work as under the conventional four-year plan. The students receive pay for their services during the time that they are engaged in their outside work, thus enabling them partially to defray their expenses during their junior year.

Students in Chemical Engineering spend the junior year in residence. In lieu of coöperative work, they are expected to work for one summer in the plant of a chemical industry. The University will assist as far as possible in securing such summer positions.

S.B. IN CHEMICAL ENGINEERING

FRESHMAN YEAR

Mathematics 1E, 2E, 3E; Chemistry 1, 2, 31; English 9abc; General Engineering 1abc, 6abc.

SOPHOMORE YEAR

Mathematics 24E, 25E, 26E; Chemistry 41, 42; Phsyics 21E, 22E, 23E; English 29abc; General Engineering 26abc, 36bc; Chemical Engineering 91.

FIRST JUNIOR SUMMER SESSION

Economics 31; Chemistry 61; Electrical Engineering 52a; Mechanical Engineering 53a.

JUNIOR YEAR

English 59; History 167; Chemistry 62, 81, 82, 91; Geology 43, 44; General Engineering 56a; Chemical Engineering 94; Electrical Engineering 52bc; Mechanical Engineering 53bc.

SENIOR YEAR

English 60abc; Commerce 51E, 52E, 53E; Chemistry 121, 122, 123, 191, 192; Chemical Engineering 191, 194, 195, 196, 197.

S.B. IN CIVIL ENGINEERING

FRESHMAN YEAR

Mathematics 1E, 2E, 3E; Chemistry 1, 2, 31; English 9abc; General Engineering 1abc, 6abc.

SOPHOMORE YEAR

Mathematics 24E, 25E, 26E; Physics 21E, 22E, 23E; English 29abc; General Engineering 26abc, 36abc; Civil Engineering 20abc, 25a.

FIRST JUNIOR SUMMER SESSION

Economics 31; Civil Engineering 55a, 60a; Electrical Engineering 52a; Mechanical Engineering 53a.

COÖPERATIVE JUNIOR YEAR

(Including Second Junior Summer Session)

English 59; History 167; General Engineering 56a; Civil Engineering 65a, 70a; Electrical Engineering 52bc; Mechanical Engineering 53bc.

SENIOR YEAR

English 60 abc; Commerce 51E, 52E, 53E; Geology 11, 107; Civil Engineering 160abc, 165abc, 170abc, 175abc.

S.B. IN ELECTRICAL ENGINEERING

FRESHMAN YEAR

Mathematics 1E, 2E, 3E; Chemistry 1, 2, 31; English 9abc; General Engineering 1abc, 6abc; Electrical Engineering 2abc.

SOPHOMORE YEAR

Mathematics 24E, 25E, 26E; Physics 21E, 22E; English 29abc; General Engineering 26abc; Civil Engineering 30a; Electrical Engineering 22abc, 32a; Mechanical Engineering 48abc.

FIRST JUNIOR SUMMER SESSION

Economics 31; Electrical Engineering 62a; Mechanical Engineering 63a, 68a.

COÖPERATIVE JUNIOR YEAR

(Including Second Junior Summer Session)

History 167; English 59; General Engineering 56a; Civil Engineering 65a; Electrical Engineering 57a, 62bc; Mechanical Engineering 63bc, 68a.

SENIOR YEAR

English 60abc; Commerce 51E, 52E, 53E; Electrical Engineering 67a, 77a, 87a, 97abc, 102a, 112a, 122a, 162abc, 172abc.

S.B. IN MECHANICAL ENGINEERING

FRESHMAN YEAR

Mathematics 1E, 2E, 3E; Chemistry 1, 2, 31; English 9abc; General Engineering 1abc, 6abc.

SOPHOMORE YEAR

Mathematics 24E, 25E, 26E; Physics 21E, 22E, 23E; English 29abc; General Engineering 26abc, 36ab; Civil Engineering 30a; Electrical Engineering 22abc; Mechanical Engineering 48abc.

FIRST JUNIOR SUMMER SESSION

Economics 31; Electrical Engineering 62a; Mechanical Engineering 63a, 68a.

COÖPERATIVE JUNIOR YEAR

(Including Second Junior Summer Session)

History 167; English 59; General Engineering 56a; Civil Engineering 65a; Electrical Engineering 62bc; Mechanical Engineering 63bc, 66a.

SENIOR YEAR

Commerce 51E, 52E, 53E; English 60abc; Mechanical Engineering 78abc, 88abc; Heat-power Option: Mechanical Engineering 73a, 83a, 93a; Aeronautical Option: Mechanical Engineering 166a, 176ab, 186ab.

DESCRIPTIONS OF COURSES

Except as noted below (Courses Civil Engineering 35a and 40a) courses in Engineering are open to students in Engineering only.

The courses offered in the School of Engineering are described below under the general headings under which they naturally fall—General Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, and Mechanical Engineering.

GENERAL ENGINEERING

Courses for Undergraduates

G.E. 1abc. MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY.

Lettering and use of drawing instruments. Descriptive geometry, covering fundamental problems of the point, line, and plane and their application to problems of the intersection and development of surfaces. Problems in orthographic and isometric projections. *Two lecture and four laboratory hours a week, fall, winter, and spring quarters.* Value 12 quarter-hours. Professor Smith, Messrs. Watson, Slade.

G.E. 6abc (3abc). ELEMENTARY MECHANICS. Corequisite Mathematics 1-2-3E.

The basic principles of statics and an elementary course in strength of materials, covering conditions of equilibrium, force, and funicular polygons, center of gravity, friction, beams, and jointed structures. This course correlates with first year mathematics and drawing. *Two lecture hours a week, fall, winter, and spring quarters.* Value 6 quarter-hours. Professors Saville, Baity, Messrs. Hollett, Watson, Slade.

G.E. 26abc (4abc). MECHANICS. Prerequisite, Mathematics 1-2-3E, General Engineering 6abc.

The fundamental conceptions of statics including resultants of force systems, equilibrium of force systems, friction, centroids, moments of inertia of areas and bodies. This course correlates with sophomore mathematics. *Three lecture hours a week, fall, winter, and spring quarters.* Value, 9 quarter-hours. Professor Trimble, Mr. Slade.

G.E. 36abc (6bc). MATERIALS OF ENGINEERING.

Constitution, physical properties, and tests of the important materials, such as wood, cement, stone, iron, steel, etc., used in engineering construction; metallurgy of iron and steel and the more important alloys. *Two lecture hours a week, fall quarter, two lecture and three laboratory hours a week, winter and spring quarters. Laboratory fee, $4.00 a quarter for winter and spring.* Civil engineering students required to take all lecture and laboratory work. Chemical engineering students required to take lecture and laboratory, winter and spring quarters. Mechanical engineering students required to take lectures, fall and winter quarters. Value, 9 quarter-hours for civil; 7 quarter-hours for chemical, and 4 quarter-hours for mechanical engineering students. Professor Trimble, Mr. Hollett.

G.E. 56a (5abc). APPLIED MECHANICS AND STRENGTH OF MATERIALS. Prerequisite, Mathematics 24E-25E-26E, General Engineering 26abc.

Kinematics and kinetics of particles and regid bodies, including translation, rotation, and plane motion; the principles of work and energy, impulse and momentum. The fundamental principles governing the strength and behavior of beams, columns, truss members, shafting, and various kinds of connections. Parallel laboratory exercises comprise tests of brittle and ductile material in direct stress, and of riveted and welded joints. Experimental determination of stresses and deflections in beams and columns and the comparison of these results with calculated values. *Five lecture and three laboratory hours a week, fall or summer quarters. Laboratory fee, $5.00.* Chemical and civil engineering students do not take laboratory work or pay laboratory fee. Value for chemical and civil engineering students 5 quarter-hours; for electrical and mechanical engineering students, 6½ quarter-hours. Professors Hickerson, Trimble, Bailey.

Course for Graduates and Advanced Undergraduates

G.E. 116a (100c). CONTRACTS AND SPECIFICATIONS.

A course covering the laws of contracts, a detailed study of methods of writing correct specifications, the matter of securing or submitting bids, and the subject of bid bonds. *Three lecture hours a week, spring quarter.* Value, 3 quarter-hours. Professor Saville.

Courses Primarily for Graduates

G.E. 236abc (106abc). ADVANCED ENGINEERING MATERIALS. Prerequisite, General Engineering 36abc, or the equivalent.

Composition and physical properties of materials used in engineering construction; specifications and inspection methods; investigation of special properties and uses of important materials; improved methods of testing and manufacture; development of new methods of specification. *Three lecture and six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Value, 6 quarter-hours a quarter. Professor Trimble.

G.E. 256abc (105abc). ADVANCED STRENGTH OF MATERIALS. Prerequisite, General Engineering 56abc.

General theory of flexure, combined stresses, Lamés theory for thick hollow cylinders, flexure of curved beams; and other theoretical and empirical matter on the general subject of strength of materials that is not treated exhaustively in the undergraduate curriculum of most engineering schools. *Three lecture hours a week, fall, winter, and spring quarters.* Value, 9 quarter-hours. Professor Hickerson, Mr. Noe.

CHEMICAL ENGINEERING

Courses for Undergraduates

Ch.E. 91 (2). INTRODUCTORY CHEMICAL ENGINEERING.

A survey course covering materials used in the construction of chemical equipment, search of literature, elementary calculations, etc. In the laboratory the students assist the seniors in carrying out studies of the unit operations. *Three lecture and six laboratory hours a week, spring quarter.* Value, 6 quarter-hours. Professor White.

Ch.E. 94 (1). METALLURGY AND METALLOGRAPHY. Corequisite, Ch.E. 91.

A study of the microscopic structure of ferrous and non-ferrous alloys and the effects of composition, heat treatment, and mechanical work upon these structures and the physical properties of these ferrous alloys. A portion of the course is devoted to laboratory study. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $7.00.* Value 6 quarter-hours. Professor White.

Courses for Graduates and Advanced Undergraduates

Ch.E. 191 (6). CHEMICAL ENGINEERING LABORATORY. Prerequisite Ch.E. 194, 195; corequisite, Ch.E. 196.

Efficiency studies on chemical equipment, plant erection studies, and unit process work in the laboratory. *Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, $10.00.* Value, 5 quarter-hours. Professor White.

Ch.E. 194-195-196 (3abc). PRINCIPLES OF CHEMICAL ENGINEERING. Prerequisite, Ch.E. 91, 94.

A study of the unit operations of chemical engineering, covering fluid flow, filtration, evaporation, distillation, etc. *Three hours a week, fall, winter, and spring quarters.* Value, 9 quarter-hours. Professor White.

Ch.E. 197 (7). CHEMICAL ENGINEERING CALCULATIONS.

A study of material and heat balances in industrial processes. *Five hours a week, fall quarter.* Value, 5 quarter-hours. Professor White.

CIVIL ENGINEERING

Courses for Undergraduates

C.E. 20abc (2c). CIVIL ENGINEERING DRAWING. Prerequisite, General Engineering 1abc. For civil engineering students.

Lettering and titling, map and blue print reading, topographic and traverse plotting, computing and estimating. *One lecture and three laboratory hours a week, fall, winter and spring quarters.* Value 7½ quarter-hours. Professor Smith, Mr. Hollett.

C.E. 25a (22a). FIELD EXERCISES IN SURVEYING.

Prerequisite, Mathematics 1-2-3E. For civil engineering students.

Practice in the use and adjustments of tape, level, transit, plane table, etc., supplemented by the solution of field problems. *Three laboratory hours a week, fall quarter. Laboratory fee, $4.00.* Value, 1½ quarter-hours. Mr. Hollett.

C.E. 30a (22c). ELEMENTARY PLANE SURVEYING. Prerequisite, Mathematics 1-2-3E.

An elementary course in the use and adjustments of surveying instruments for students in electrical and mechanical engineering. *One lecture and three laboratory hours a week, spring quarter.* Laboratory fee, $4.00. Value, 2½ quarter-hours. Professor Trimble, Mr. Hollett.

C.E. 35a (20c). SURVEYING AND PLOTTING FOR NON-ENGINEERING STUDENTS. Prerequisite, Mathematics 1, 2.

Methods of using the compass, transit, tape, and level in making ordinary surveys for land boundaries, acreage, volumes, profiles, and the establishment of lines in their true position. It involves field measurements of distances and angles, the plotting and description of maps from such data, and the computation of areas, volumes, grade lines, true meridian, etc. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, $6.00.* Value, 6 quarter-hours. Professor Trimble, Mr. Slade.

C.E.40a (16c). PLANE TABLE SURVEYING AND MAPPING. Prerequisite, Mathematics 1-2-3E, or the equivalent. Open to non-engineering students.

Preparation and interpretation of topographical maps. Lectures and field work. *One lecture and three laboratory hours a week, spring quarter. Laboratory fee, $4.00.* Value 2½ quarter-hours. Professor Trimble, Mr. Hollett.

C.E. 55a. PLANE SURVEYING. Prerequisite, Mathematics 1-2-3E, Civil Engineering 25a.

Elements of plane surveying theory. Intensive practice in the use of instruments and the solution of field problems. For civil engineering students who expect to attend the summer engineering camp. *Five lecture and three laboratory hours a week, first term of summer quarter. Laboratory fee, $4.00.* Value 3¼ quarter-hours. Professor Trimble.

C.E. 60a (23s). SUMMER ENGINEERING CAMP. Prerequisite, Civil Engineering 25a, 55a, or equivalent.

Instruction in plane, topographic, railway, and highway surveying is given during the second six weeks of the summer term following the sophomore year. The course includes the following subjects: I. Chaining; differential, profile and cross-section leveling; plane-table, transit and stadia topographic surveys; solar and stellar observations for the determination of meridian and latitude; triangulation including base line measurement; measurement of stream discharge; hydrographic surveying. II. Simple, compound, reversed, spiral and vertical curves; frogs and turnouts; reconnaissance surveys; preliminary surveys; paper location; final location; mass diagrams and earthwork computation; slope-staking; estimate of quantities and costs. III. Topographical drawing, mapping of traverse and boundary surveys, area computation and other work of a similar nature. *Five lecture and forty laboratory hours a week, second summer term. Laboratory fee, $8.00.* Value 12½ quarter-hours. Professor Trimble.

C.E. 65a (32abc). HYDRAULICS. Prerequisite, Mathematics 24E-25E-26E.

The principles of flow of water through orifices, weirs, tubes, nozzles, pipes, and open channels as applied to measurement of water in hydraulic engineering practice. The fundamental principles of impulse wheels, reaction turbines, and centrifugal pumps. *Four lecture and three laboratory hours a week, winter or spring quarter. Laboratory fee, $4.00.* Value 5½ quarter-hours. Professor Saville, Mr. Watson.

C.E. 70a (12ab). GRAPHIC STATICS. Prerequisite, General Engineering 26abc.

Graphic determination of stresses in framed structures. *One lecture and three laboratory hours a week, fall or winter quarters.* Value 2½ quarter-hours. Professor Smith, Mr. Slade.

Courses for Graduates and Advanced Undergraduates

C.E. 160abc (41abc, 45abc). CITY PLANNING, HIGHWAY AND RAILWAY ENGINEERING. Prerequisite, Civil Engineering 60a, or equivalent experience.

The first quarter is devoted to a study of growth of cities, street plans, subdivisions, housing, recreational facilities, zoning, transportation terminals, traffic regulations. The second quarter is concerned with the study of location, construction, and maintenance of the various types of highways, characteristics of road materials, highway administration, legislation, organization, and financing. In the third quarter are considered the problems and economics of railroad location and road bed construction and such practical subjects as ballast, ties and tie-plates, rails, frogs and switches, fences and cattleguards, bridge and trestle floors, track signs, etc.

Parallel laboratory exercises consist of practical and specific problems in city planning, location of highways and railways, the physical and chemical testing of road materials, study of reports, and observation of projects under construction and completed. *Three lecture and three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $4.00 a quarter.* Value 13½ quarter-hours. Professor Trimble.

C.E. 165abc (34abc, 35abc). HYDRAULIC AND SANITARY ENGINEERING. Prerequisite, Civil Engineering 65a.

The epidemiological background, principle, and practice of sanitation and public health engineering; the theory and fundamentals of design, construction, and operation of water supply and sewerage systems, water purification and sewage treatment plants, as applied to municipalities and rural communities. Attention is given to studies of rain fall, stream flow, and storage as applied to water supply, water power, and waste disposal. Parallel laboratory exercises comprise problems in the layout and design of simple water supply and sewerage systems and water and sewage treatment works. Training is given in the operation of such utilities and the routine laboratory technique employed in their control. *Three lecture and three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $4.00 a quarter.* Value, 13½ quarter-hours. Professors Saville, Baity, Messrs. Hollett, Slade.

C.E. 170abc (14abc, 15abc). STEEL STRUCTURES. Prerequisite, General Engineering 56abc and Civil Engineering 70a.

Theory of determinate structures, graphical and analytical determination of direct and secondary stresses occurring in engineering structures, such as roofs, bridges, buildings, dams, retaining walls, etc. Parallel design exercises comprise specific and complete problems in steel and timber structures, such as buildings, industrial plants, roof and bridge trusses and girders, retaining walls, and water towers. *Two lecture and three laboratory hours a week, fall and winter quarters, two lecture and six laboratory hours a week, spring quarter.* Value 12 quarter-hours. Professors *Braune, Hayes, Smith.

C.E. 175abc (24abc, 25abc). REINFORCED CONCRETE STRUCTURES. Prerequisite, General Engineering 56abc.

Development of the mathematical principles involved in the design of plain and reinforced concrete beams, slabs, columns, foundations, retaining walls, arches, and girders. Parallel laboratory exercises comprise specific and complete problems illustrating the use of these structural elements in the design of buildings, bridges, and other reinforced concrete structures. *Two lecture and three laboratory hours a week, fall, winter, and spring quarters.* Value, 10½ quarter-hours. Professor Hickerson, Mr. Noe.

Courses Primarily for Graduates

C.E. 260ab (135bc). REGIONAL AND CITY PLANNING. Prerequisite, Civil Engineering 160abc, 165abc, or equivalent.

Following an historical resume of the subject, there is presented by means of lectures and readings a detailed topical analysis of the broad principles governing modern practice. The legal aspects are first treated, followed by consideration of the effects of physical factors, such as topography, river or sea front, etc. Consideration of communication facilities includes street plan, traffic control, transportation and transit problems, and port and industrial development. Zoning, housing, recreation, public health, statistics, public safety, and methods of financing precede a final analysis of numerous city or regional plans in effect in different parts of the country. *Three hours a week, winter and spring quarters.* Value, 3 quarter-hours a quarter. Professors Saville, Trimble, and other members of the graduate faculty.

C.E. 265abc (130abc). ADVANCED SANITARY ENGINEERING. Prerequisite, Civil Engineering 65a, Civil Engineering 165abc, or their equivalent.

An advanced course in sanitary and public health engineering, including the design and operation of water supply and sewerage systems, water and sewage treatment plants, water rate studies, leakage surveys, financial management, stream sanitation, industrial waste disposal, rural sanitation, garbage disposal,

* Deceased.

drainage, malaria control, etc. Occasional lectures are given by practising engineers, public works and public health officials. *Three hours a week, fall, winter, and spring quarters.* Value, 9 quarter-hours. Professors Saville, Baity.

C.E. 270abc (114abc). ADVANCED STEEL STRUCTURES. Prerequisite, Civil Engineering 170abc and Civil Engineering 175abc.

Secondary stresses and statically indeterminate structures, including steel arches, cantilever, suspension and movable bridges. *Three hours a week, fall, winter, and spring quarters.* Value, 9 quarter-hours. Professors Braune, Hickerson, Mr. Noe.

C.E. 275abc (124abc). ADVANCED REINFORCED CONCRETE STRUCTURES. Prerequisite, Civil Engineering 170abc and Civil Engineering 175abc.

A study of the theory and design of multiple arch dams, domes, rigidly connected frames, unsymmetrical bridges, etc. *Three hours a week, fall, winter, and spring quarters.* Value, 9 quarter-hours. Professor Hickerson, Mr. Noe.

C.E. 280a (132a). HYDROLOGY. Prerequisite, Civil Engineering 165abc, or equivalent.

A detailed study of meteorology, rainfall, stream flow, storage, and other factors influencing hydrological investigations. The application of modern statistical methods to such problems is particularly stressed. *Three hours a week, fall quarter. Laboratory fee, $2.00.* Value, 3 quarter-hours. This course may be continued for additional credit. Professor Saville.

C.E. 285ab (134bc). WATER POWER ENGINEERING. Prerequisite, Civil Engineering 280a, or equivalent.

The investigation and design of water power developments, including preliminary hydrological studies, investigation of dam foundation, dam design, characteristics and selection of turbines, etc. A complete report will be prepared, including estimated cost of development, market for power, relation to other power systems, and financing. This course may be followed by Electrical Engineering 262a, 272a, 282a. *Three hours a week, winter and spring quarters. Laboratory fee, $2.00 a quarter.* Value, 6 quarter-hours. Professor Saville.

C.E. 290abc (133abc). SANITARY CHEMISTRY AND BIOLOGY FOR ENGINEERING STUDENTS. Prerequisite, Chemistry 1-2, Civil Engineering 165abc, or equivalent.

A course designed to give intensive training in the laboratory methods employed in sanitary engineering practice. The work includes microscopical examinations; physical, chemical, and bacteriological determinations on water, air, milk, sewage, and industrial wastes; the analysis of sand and gravel for filtration purposes; limnological studies of streams and reservoirs; stream pollution investigations; and the application of laboratory tests to the control of sanitary works. Class and laboratory exercises are supplemented by field work and plant inspections. *Four to twelve laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Value 6 to 18 quarter-hours. Professor Baity.

C.E. 360abc (145abc). HIGHWAY ENGINEERING RESEARCH AND DESIGN. Prerequisite, Civil Engineering 160abc, or equivalent.

Laboratory research problems in highway materials; investigation of problems in the scientific design and construction of modern road types; problems involving the development of equipment for use in investigation or specification of methods and materials. *Three lecture and six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Value, 6 quarter-hours a quarter. Professor Trimble.

C.E. 365abc (131abc). RESEARCH IN HYDRAULIC AND SANITARY ENGINEERING. Prerequisite, Civil Engineering 165abc, or equivalent.

For graduate or special students desiring to conduct investigations in hydrology, water, or sewage treatment, or stream pollution. *Four to twelve laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Value, 6 to 18 quarter-hours. Professors Saville, Baity.

C.E. 370abc (125abc). RESEARCH IN STRUCTURAL ENGINEERING. Prerequisite, Civil Engineering 170abc, 175abc, or equivalent.

A course for graduate students desiring to engage in an intensive analytical or experimental investigation of structural engineering problems. *Three lecture and six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $5.00 a quarter.* Value, 6 quarter-hours a quarter. Professors Hickerson, Trimble.

ELECTRICAL ENGINEERING

Courses for Undergraduates

E.E. 2abc (61abc). INTRODUCTION TO ELECTRICAL ENGINEERING. The aim of this course is to give the student an acquaintance with the materials, apparatus, and terminology used in electrical engineering. The fundamental principles of current, voltage, resistance, energy, and power are studied by means of practical problems with commercial apparatus. Practical work in wiring, together with a study of the National Electric Code is given in the spring quarter. *Two lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $4.00 a quarter.* Value, 9 quarter-hours. Professor Lear, Mr. Stainback.

E.E. 22abc (62bcs). ELEMENTS OF ELECTRICAL ENGINEERING. Prerequisite, E.E. 2abc, Mathematics 1-2-3E.

A study of the fundamentals of direct-current motors and generators. *Two lecture and three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $4.00 a quarter* (for electrical only). Taken by electrical and mechanical students, although the mechanical students do not take the laboratory. Value, for electrical students 10½ quarter-hours; for mechanical students 6 quarter-hours. Professor Lear, Mr. Winkler, Mr. Stainback.

E.E. 32a. ELECTRICAL ENGINEERING PROBLEMS. Prerequisite, E.E. 22ab, Mathematics 1-2-3E.

A problem course drawn up with the idea of enabling the student to put into practical use, his knowledge of Electrical Engineering. *Two hours a week, spring quarter.* Value 2 quarter-hours. Mr. Winkler.

E.E. 52a (60abcs). FUNDAMENTALS OF ELECTRICAL ENGINEERING. Prerequisite, Mathematics 24E, 25E, 26E.

A study of generation, transmission, control, and utilization of electrical energy. This course is designed to meet the needs of the Civil Engineering students. *Three hours a week, first six weeks of summer quarter for coöperative Sections I and II.* Value, 1½ quarter-hours. Professor Lear.

E.E. 52bc. FUNDAMENTALS OF ELECTRICAL ENGINEERING.

Continuation of E.E. 52a. *Three lecture and three laboratory hours a week fall and spring quarters, for Section I; winter and summer quarters for Section II* Value, 9 quarter-hours. Professor Lear, Mr. Stainback.

E.E. 57a. JUNIOR PROBLEM COURSE.

A special course in problems leading to the design of electrical machinery. *Two hours a week, winter and spring quarters.* Credit, 4 quarter-hours. Professor Lear.

E.E. 62a (63abcs, 73abcs). ELECTRICAL MACHINERY. Prerequisite, E.E. 22abc, Mathematics 24E, 25E, 26E.
A thorough study of direct-current machines, from the standpoint of the theory of design, and the economics of manufacture. *Three lecture and three laboratory hours a week, summer quarter for Cooperative Sections I and II. Laboratory fee, $5.00.* Value, 4½ quarter-hours. Professor Lear.

E.E. 62bc. ELECTRICAL MACHINERY.
A continuation of E.E.62a with special emphasis on the use of complex quantities. *Three lecture and three laboratory hours a week, fall and spring quarters for Section I; winter and summer quarters, for Section II. Laboratory fee, $5.00 a quarter.* Value, 9 quarter-hours. Professor Lear.

E.E. 67a (86a). INDUSTRIAL APPLICATIONS. Prerequisite, E.E. 62abc.
Selection, arrangement and control of central station equipment; application and control of d.c. and a.c. motors for textile mills, steel mills, machine shops, etc.; industrial heating; electric furnaces; elcctric welding. *Three lecture hours a week, fall quarter.* Value, 3 quarter-hours. Mr. Stainback.

E.E. 77a (86b). ILLUMINATING ENGINEERING. Prerequisite, E. E. 62abc.
A study of the physical, physiological, and psychological principles of light and illumination; comparison of light sources; photometry; design of illumination systems for various commercial purposes. *Three lecture hours a week, winter quarter.* Value, 3 quarter-hours. Mr. Stainback.

E.E. 87a (86c). ELECTRIC RAILWAY ENGINEERING. Senior elective.
Design of electric railways systems; train resistance; speed-time curves; power requirements; motor equipment and control; distribution systems; main-line electrification. *Three lecture hours a week, spring quarter.* Value, 3 quarter-hours. Mr. Stainback.

E.E. 97abc (75abc). ELECTRICAL APPLICATIONS LABORATORY.
One laboratory experiment and report a week, accompanying the courses in special fields; a considerable portion of the time will be spent in the standardization laboratory in calibration tests on direct-current and alternating-current measurements instrument, magnetic measurements, iron loss, and instrument transformers. *Four laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 a quarter.* Value 6 quarter-hours. Mr. Stainback.

Courses for Graduates and Advanced Undergraduates

E.E. 102a (85a). ELECTRIC CIRCUITS. Prerequisite, E.E. 62abc and Mathematics 24E, 25E, 26E.
A mathematical study of the fundamental phenomena in the electric, magnetic, dielectric, and thermal circuits, emphasizing the circuital relations common to all. Considerable attention will be devoted to the application of complex quantities to alternating-current circuits. *Three lecture hours a week, fall quarter.* Value, 3 quarter-hours. Professors *Bason, Bailey.

E.E. 112a (85b). ELECTRICAL MEASUREMENTS. Prerequisite, E. E. 102a.
Theory, calibration, and use of instruments for the measurement of current, potential difference, power, and energy; bridge methods of measuring resistance, inductance, and capacitance; instrument transformers; magnetic measurements; dielectric tests; cable testing. *Three lecture hours a week, winter quarter.* Value, 3 quarter-hours. Professors *Bason, Bailey.

* Resigned.

E.E. 122a (85c). COMMUNICATION ENGINEERING. Senior elective. Prerequisite, E.E. 102a.

A study of the fundamentals involved in the transmission of intelligence by telegraph, telephone, and radio; local and central office equipment for manual and machine switching systems; elements of telegraph and telephone transmission; laws of oscillatory circuits; radio transmission; study of the electron tube as detector, amplifier, and oscillator. *Three lecture hours a week, spring quarter.* Value, 3 quarter-hours. Professors *Bason, Bailey.

E.E. 162 abc (64abc, 74abc). ALTERNATING-CURRENT MACHINERY AND POWER TRANSMISSION. Prerequisite, E.E. 62abc, Mathematics 24E, 25E, 26E.

A thorough study of the theory of the alternator, transformer, synchronous motor, synchronous converter, induction motor, and generator, and the various types of single-phase commutator motors, and the electrical principles involved in long distance power transmission. *Three lecture and six laboratory hours a week. Laboratory fee, $7.00 a quarter.* Value, 18 quarter-hours. Professors *Bason, Lear, Mr. Winkler.

E.E. 172abc (84abc). DYNAMO DESIGN. Prerequisite, E.E. 62abc.

Electrical, mechanical, and economic questions involved in the design of electrical machinery; the effect of the design constants on the proportions and operation of machines. Each student will be required to make complete calculations for a d.c. generator or motor, a transformer, and an alternator. *Two lecture and four laboratory hours a week, fall, winter, and spring quarters.* Value, 12 quarter-hours. Professor Lear, Mr. Winkler.

Courses Primarily for Graduates

262a (164a). ELECTRIC TRANSIENTS.

The mathematical theory of the phenomena of the transient state met with in the operation of electric circuits and machines; training in the technique of the oscillograph by the taking of a large number of oscillograms of characteristic transient phenomena. *Laboratory fee, $10.00.* Value, 3 quarter-hours. Professors *Bason, Lear.

272a (164b). HYPERBOLIC FUNCTIONS APPLIED TO TRANSMISSION PROBLEMS.

Use of hyperbolic functions of complex variables in the calculation of long distance transmission systems. Power relations in long lines; design of artificial lines. Value, 3 quarter-hours. Professors *Bason, Lear.

282a (164c). DESIGN OF TRANSMISSION SYSTEMS.

Economic principles involved in the preliminary layout; insulation and lightning protection; sag of conductors; mechanical design of poles and towers. Value, 3 quarter-hours. Professors *Bason, Lear.

382abc (184abc). ELECTRICAL ENGINEERING RESEARCH AND DESIGN.

The solution of one or more definite problems in some particular field of electrical engineering. The work of this course will be outlined, as far as possible, to suit the needs of the individual student, and will consist of original investigations, designs, or the economic study of some existing electric power plant. Value, 27 quarter-hours. Professors *Bason, Lear.

* Resigned.

MECHANICAL ENGINEERING

Courses for Undergraduates

M.E. 48abc (2a). MECHANISM. Prerequisite, General Engineering 1abc, Mathematics 1-2-3E. Required of Mechanical and Electrical Engineering sophomores.

The relative motions, velocities, and accelerations of machine parts, including a study of linkages, cams, gears, belts, gear trains, and other mechanisms. *One lecture and three laboratory hours a week, fall, winter, and spring quarters.* Value, 7½ quarter-hours. Professor Smith, Mr. Watson.

M.E. 53a (90abc). STEAM AND GAS MACHINERY. Prerequisite, Mathematics 24-25-26E, Physics 21-22-23E. Required of Civil and Chemical Engineering juniors, Cooperative Sections I and II.

A course in the fundamentals of steam and gas heat-power machinery, designed especially for the needs of students in Civil and Chemical Engineering; includes a study of the principles governing the operation of steam engines, steam turbines, gas engines, boilers, and boiler auxiliaries. *Three lecture hours a week, first term of summer quarter.* Value, 1½ quarter-hours. Professor Hoefer.

M.E. 53bc. STEAM AND GAS MACHINERY. Prerequisite, Mechanical Engineering 53a. Required of Civil and Chemical Engineering juniors.

A continuation of Mechanical Engineering 53a. *Three lecture and three laboratory hours a week, fall and spring quarters for section I; winter and summer quarters for section II. Laboratory fee, $5.00 a quarter.* Value, 9 quarter-hours. Professor Hoefer, Mr. Pittana.

M.E. 63abc (93abc). THERMODYNAMICS AND HEAT ENGINES. Prerequisite, Mathematics 24-25-26E, Physics 21-22-23E. Required of Mechanical and Electrical Engineering juniors.

A study of the laws governing the transformation of heat into mechanical energy; properties of gases and vapors; gas and vapor cycles; power, efficiency, and performance of heat engines; study of steam engines, steam turbines, gas engines, compressed air, and refrigeration. *Three lecture and three laboratory hours a week, summer quarter for cooperative Sections I and II; fall and spring quarters for Section I; winter and summer quarters for Section II. Laboratory fee, $5.00 a quarter.* Value, 13½ quarter-hours. Professor Hoefer, Mr. Pittana.

M.E. 66a (92c). GENERAL AERONAUTICS. Prerequisite, Physics 21-22-23E or equivalent. Required of Mechanical Engineering juniors.

A study of simple aerodynamics, airplane engines, aircraft instruments, navigation, and commercial aviation. Textbook: *Simple Aerodynamics* by Monteith and Carter. *Two lecture hours a week, winter quarter for coöperative Section II; spring quarter for Section I.* Value, 2 quarter-hours. Professor Bailey.

M.E. 68a (91s). ELEMENTARY MACHINE DESIGN. Prerequisite, General Engineering 26abc, Mechanical Engineering 48abc, Mathematics 24-25-26E. Required of Mechanical and Electrical Engineering juniors, coöperative Sections I and II.

The study and design of the elementary parts of machines, including riveted joints, screws, keys, shafts, gearing, belting, and power transmissions, using the principles of mechanics and accepted empirical methods as a basis. *Three lecture and six laboratory hours a week during first term, six lecture and twelve laboratory hours a week during second term of summer quarter.* Value, 9 quarter-hours. Professor Bailey.

M.E. 73a (99abc). STEAM ENGINES AND TURBINES. Prerequisite, Mechanical Engineering 63abc. Option for Mechanical Engineering seniors.

A continuation of thermodynamics and heat engines of the junior year, with further study in the field of steam engineering. It includes the laws governing the flow of fluids and applications to orifices and nozzles; advanced discussion of the thermodynamic processes and cycles of vapors; a study of reheating and regenerative cycles as applied to steam turbine practice; a study of the simple and compound reciprocating steam engine. *Five lecture and three laboratory hours a week, fall quarter. Laboratory fee, $5.00.* Value, 6½ quarter-hours. Professor Hoefer.

M.E. 78abc (99abc). INTERNAL COMBUSTION ENGINES. Prerequisite, Mechanical Engineering 63abc. Required of Mechanical Engineering seniors.

A continuation of thermodynamics and heat engines of the junior year, with further study in the field of internal combustion engines. It includes a more advanced discussion of the thermodynamic processes of gases and of gas cycles, involving variable specific heats and "Real Mixture Standards"; fuels and their combustion, carburetors and methods of fuel injection; performance of internal combustion engines. *Three lecture hours a week, fall and winter quarters; two lecture and three laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Value, 9½ quarter-hours. Professor Bailey.

M.E. 83a (94ab). STEAM BOILERS AND ACCESSORIES. Prerequisite, Mechanical Engineering 73a. Option for Mechanical Engineering seniors.

A study of fuels and combustion, boilers and boiler accessories, gas producers, feed-water heaters, economizers, and condensers. *Five lecture and four laboratory hours a week, winter quarter. Laboratory fee, $5.00.* Value, 7 quarter-hours. Professor Hoefer.

M.E. 88abc (91abc). MACHINE DESIGN. Prerequisite, General Engineering 56a, Mechanical Engineering 68a. Required of Mechanical Engineering seniors.

A continuation of Mechanical Engineering 68a and the Strength of Materials given in General Engineering 56a. Stress analysis and design of basic machine parts, and the dynamics of machinery and engines. *Two lecture and eight laboratory hours a week, fall, winter, and spring quarters.* Value, 18 quarter-hours. Professor Bailey.

M.E. 93a (95c). STEAM AND GAS ENGINEERING DESIGN. Prerequisite, Mechanical Engineering 83a. Option for Mechanical Engineering seniors.

Calculations used in the determination of sizes and the more important details of power plant apparatus, such as steam engines and turbines, gas engines, air compressors, boilers, etc.; problems in heating and ventilation. *Three lecture and eight laboratory hours a week, spring quarter.* Value, 7 quarter-hours. Professor Hoefer.

Courses for Graduates and Advanced Undergraduates

M.E. 166a (96a). AERODYNAMICS. Prerequisite, General Engineering 26abc, Civil Engineering 65a, Mechanical Engineering 66a. Option for Mechanical Engineering seniors.

This course covers fluid mechanics, similitude, functions and characteristics of air foils, theory and calculation of airplane performance, stability, control, and maneuverability. Textbook: *Airplane Design* by Warner, *Applied Aerodynamics* by Barstow, and the reports of the National Advisory Committee for Aeronautics. *Five lecture and three laboratory hours a week, fall quarter. Laboratory fee, $5.00.* Value, 6½ quarter-hours. Professor Bailey.

M.E. 176ab (97bc). AIRPLANE DESIGN. Prerequisite, General Engineering 56a, Mechanical Engineering 166a. Option for Mechanical Engineering seniors.

This course includes the calculation of airplane loadings, materials of construction, stress analysis, Department of Commerce requirements, design methods, weight control, and structural tests. Textbook: *Airplane Stress Analysis* by Klemin, *Airplane Design* by Warner, and references in structural analysis texts and current periodicals. *Two lecture and three laboratory hours a week, winter and spring quarters.* Value, 7 quarter-hours. Professor Bailey.

M.E. 186ab (98bc). AIRPLANE ENGINES. Prerequisite, Mechanical Engineering 166a; corequisite, Mechanical Engineering 78abc. Option for Mechanical Engineering seniors.

A study of airplane engines and propellers, design principles, performance calculations, and altitude effects; characteristics of existing engines, accessories, and engine testing and construction. Textbook: *The Airplane Engine* by Marks, and references in engine design textbooks, current literature, and manufacturers' specifications. *Two lecture and three laboratory hours a week, winter* and spring quarters. *Laboratory fee, $5.00* Value, 7 quarter-hours. Professor Bailey.

Courses Primarily for Graduates

M.E. 283abc (194abc). ADVANCED ENGINEERING THERMODYNAMICS. Prerequisite, Mechanical Engineering 78abc and 83a.

An advanced course in thermodynamics with application to the theory and design of heat-power apparatus, such as steam engines and turbines, internal combustion engines, refrigerating machines, and heating and ventilating systems. Value, 3 courses. Professor Hoefer.

M.E. 288abc. ADVANCED MECHANICAL DESIGN. Prerequisite, Mechanical Engineering 88abc.

A mathematical and experimental study of the effects of motion and vibration on the design and performance of machines and structures. Value, 3 courses. Professor Bailey.

THE SCHOOL OF EDUCATION

FRANK PORTER GRAHAM, M.A., *President.*

NATHAN WILSON WALKER, A.B., Ed.M., *Acting-Dean.*

CHARLES EUGENE MCINTOSH, A.B., *Executive Secretary.*

MARION REX TRABUE, Ph.D., *Director of the Bureau of Educational Research.*

*THE ADMINISTRATIVE BOARD

MARCUS CICERO STEPHENS NOBLE, Pd.D., *Professor of Pedagogy.*

†EDGAR WALLACE KNIGHT, Ph.D., *Professor of Education.*

MARION REX TRABUE, Ph.D., *Professor of Educational Administration.*

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HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology.*

GEORGE RALEIGH COFFMAN, Ph.D., *Kenan Professor of English.*

REQUIREMENTS FOR ADMISSION

See page 57.

EXPENSES

See pages 60-64.

PURPOSES

The primary purpose of the School of Education is to prepare young men and young women for the more responsible teaching positions, principalships, and superintendencies. Adequate preparation for such positions is required by statutory provision in all progressive American states. Every state is now spending vast sums of money for the education of the youth of the land. It is one of the primary functions, therefore, of the School of Education in a state university to fit prospective teachers and educational workers for their careers by developing in them the knowledge, attitudes, ideals, and skills necessary for successful teaching and administration.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

† Absent on leave, winter and spring quarters, 1931.

FREE TUITION

By an act of the General Assembly of 1887, free tuition is given to teachers in the schools of North Carolina and to prospective teachers who are residents of the State. In order to secure free tuition, the student applying for the privilege must sign an agreement to teach in North Carolina for at least two years within a period of three years after leaving the University.

This provision for free tuition is administered through the School of Education, and students availing themselves of the opportunity it affords are required to register in this school.

Teachers, who have been teaching in the schools of North Carolina for two years or more and are now actively in service, who come to the University for further training as *bona fide* teachers are not required to sign the usual teachers' notes, but are given Teachers' Free Tuition Tickets.

All applications for the free tuition privilege for teachers must be made through the Dean of the School of Education and must be approved before the privilege will be granted. This must be attended to before or at the time of registration.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

The requirements for the degree of Bachelor of Arts in Education are set forth below. Two curricula, both leading to the degree, are offered—the one is designed for the preparation of teachers for the secondary schools, and the other, for the preparation of teachers for the primary and grammar grades.

In case required freshman courses are taken after the student begins his seventh quarter or required sophomore courses are taken after he begins his tenth quarter, half credit only is allowed.

CURRICULUM FOR HIGH SCHOOL TEACHERS

Freshman and Sophomore Years (18 Courses)

The work of the first two years of this curriculum is similar in character to that of the first two years in the better colleges of arts and sciences. The requirements in brief are as follows:

English, 3½ courses. Freshman and Sophomore English 1-2-3, 21-22, (or the equivalent).

History, 1½ courses. Freshman History (1-2-3), or a year's work in American or European History will satisfy this requirement.

Foreign Language, 3 courses. (Preferably Latin or French.) Three courses in one language beyond the introductory courses (1-2) must be offered to satisfy this requirement.

Option: If the student prefers to do so he may offer 6 courses of foreign language, instead of 3, in which case the requirement in mathematics and natural science (see below) may be reduced to 2 courses. Six courses in one of the preferred languages beyond the introductory courses, or 3 courses in either of them beyond the introductory courses and 3 courses in a second language beyond the introductory courses will satisfy the requirements of this option.

Mathematics and Natural Science, 4 courses. This requirement may be satisfied by any 2 of the following groups: (a) Mathematics 1-2, (b) Physics 21-22,

(c) Chemistry 1-2, (d) Geology 11-12, (e) Botany 41, 43, (f) Zoölogy 41, 42, (g) Botany 41 and Zoölogy 41.

Option: In case the student elects to offer 6 courses in foreign language (see under Foreign Language above), the requirement in mathematics and natural science may then be reduced to 2 courses. In that case any one of the foregoing groups (2 courses) will satisfy the requirements of this option.

Education, 2 courses. Education 21 and 31 (or the equivalent) will satisfy this requirement.

Elective. Additional courses, subject to the approval of the Dean, must be offered to make a total of 18 courses.

Junior and Senior Years (18 Courses)

In the junior and senior years the candidate continues his studies in one or two (as he may elect) academic branches, designated as an academic major and an academic minor, and he also completes the remaining professional work required. In case the student elects to prepare to teach in only one academic field, he will not be required to offer an academic minor.

Those preparing for high school teaching are advised to make their choice of academic majors and minors from the combinations of teaching fields proposed by the North Carolina State Department of Education. These combinations are as follows: (a) English and Latin, (b) English and French, (c) natural science and mathematics, (d) history and one other field.

When once the teaching field has been chosen, the candidate's program of work is then to be directed by an advisory committee of two—composed of the head of the department in the Training School, whose field he has chosen for his academic major, and the Dean of the School of Education. In case the student elects to prepare to teach in two academic fields, his program of work is then to be conducted by an advisory committee of three—composed of the heads of the two departments in the Training School whose fields he has chosen for his academic major and his academic minor, and the Dean of the School of Education. There are at present six departments in the Training School which are organized for directed teaching as required in the curriculum designed for the preparation of high school teachers. These are the departments of English, Latin, French, history, mathematics, and natural science. The requirements in the corresponding academic departments of the University for the academic major and the academic minor are briefly as follows:

English: 1-2-3, 21-22 (or the equivalent) and additional courses to be approved by the head of the Department of English in the Training School:

For an Academic Major.....6 courses
For an Academic Minor.....4 courses

Latin: 1, 2, 11, 12 (or the equivalent) and additional courses to be approved by the head of the Department of Latin in the Training School:

For an Academic Major.....6 courses
For an Academic Minor.....4 courses

French: 3, 4, 21 (or the equivalent) and additional courses to be approved by the head of the Department of French in the Training School:

For an Academic Major.....6 courses
For an Academic Minor.....4 courses

History (and Other Social Science): 1-2-3 (or the equivalent) and additional courses in history, government, economics, and geography to be approved by the head of the Department of History in the Training School:

For an Academic Major.....10 courses
(Including government, economics, and geography)
For an Academic Minor..... 6 courses
(Including government and economics)

Mathematics: 2-1 (or the equivalent) and additional courses to be approved by the head of the Department of Mathematics in the Training School:

For an Academic Major..... 5 courses
For an Academic Minor..... 3 courses

Natural Science: Mathematics 2-1 (or equivalent) and 2 courses in natural science (see freshman-sophomore requirements in mathematics and natural science) and additional courses to be approved by the head of the Department of Natural Science in the Training School. The program for either the major or the minor must include biology, chemistry, physics, and geography.

For an Academic Major..... 8 courses
For an Academic Minor..... 6 courses

Professional Requirements

The professional requirements for the junior and senior years (in addition to Education 21 and 31 required in the sophomore year) are as follows: Education 71, 98, 99, and for students electing to prepare to teach two academic subjects, two courses in the Materials and Methods of Instruction and two courses in Directed Teaching in the two academic fields in which the candidate chooses to qualify as a high school teacher, or two elective courses in education to be approved by the Dean. For those electing to prepare to teach one academic subject, the professional requirements for the junior and senior years are as follows: Education 71, 98, 99, and one course each in Materials and Methods, Directed Teaching, history of education, and Measurements.

If additional courses are necessary in order to complete the minimum of 36 courses required for the degree, the courses offered for this purpose must be approved by the Dean of the School of Education before they will be accepted for graduation.

*CURRICULUM FOR ELEMENTARY TEACHERS

Education (9 Courses).

Introduction to Education (Education 21); sophomore year..... 1 course
Materials and Methods; junior year..... 3 courses
Psychology of Elementary School Subjects (Educ. 171); senior year 1 course
Directed Teaching; senior year..... 2 courses
A minimum of two courses to be elected by the student and approved by his adviser in junior and senior years: (A course in the philosophy of education is suggested)..... 2 courses

English (6 Courses).

A minimum of English 1-2-3, 21-22.....3½ courses
1 course in American Literature..... 1 course
1 course in Children's Literature..... 1 course
1 course in reading and speech..... 1 course

Fine Arts in Elementary Education (3 Courses).

Courses to develop desirable attitudes, appreciation, and knowledge from which it is hoped will come the power of æsthetic expression.
Music..... 1 course
Drawing and Art..... 1 course
Dancing, Pageantry, Plays and Games..... 1 course

* Students from approved Normal Schools, Teachers Colleges, and standard Colleges of Arts and Sciences who enter the School of Education with junior standing may find that their credits do not correspond with the requirements of the freshman and sophomore years of this curriculum. In such cases reasonable substitutions will be made by the Dean of Admissions and the committee appointed to direct the remainder of the student's program.

Natural Science (3 Courses).

An orientation course in general science (General Science 1-2).... 2 courses
Principles of Geography..... 1 course

Practical Arts in Elementary Education (2 Courses).

The materials, production, design, and evolution of food, clothing, house materials, and furnishings; utensils, tools, machines, and records as well as the effective selection, care, and use of them.. 2 courses

Social Sciences (4 Courses).

American History..... 1 course
European History..... 1 course
Educational Sociology..... 1 course
Problems of Citizenship (including North Carolina History)..... 1 course

Academic Major (8 Courses) and *Academic Minor* (4 Courses).

An academic major and an academic minor must be selected by the student in consultation with his adviser at the beginning of the junior year. The academic major may be taken in any academic department in which a student in the College of Arts is permitted to complete a major. At least 8 courses are required for an academic major and at least 4 courses for an academic minor. The courses taken in the major and minor fields prior to the junior year may be counted toward meeting the requirements for the major and the minor, provided that not more than 4 such courses shall apply on the academic major.

Elective courses to complete a minimum of 36 courses required for the degree.

Suggested Sequence of Courses

FRESHMAN YEAR

First Quarter	*Second Quarter*	*Third Quarter*
English 1a	European History	American History
*General Science 1	*General Science 2	*Principles of Geography
Elective	English 1b	English 1c
	Elective	Elective

SOPHOMORE YEAR

English 21	English 22	Education 21
*Practical Arts	*Practical Arts	*Problems of Citizenship
Elective	Elective	English 81 or 82

JUNIOR YEAR

Materials and Methods (Reading and study Habits)	Materials and Methods (Content Subjects)	Materials and Methods (Language and Arithmetic)
Music	Educational Sociology	*Plays and Games
Elective	*Drawing and Arts	Elective

SENIOR YEAR

Psychology of Elementary Education	Directed Teaching	Directed Teaching
Children's Literature	Reading and Speech	Elective
Elective	Elective	Elective

* At present this course is offered in the summer quarter only.

TRAINING SCHOOL

The University's training school has been made possible through the generosity of the General Education Board of New York. In May, 1926, this Board granted the University an appropriation of $75,000 for a five-year period for the purpose of enabling the School of Education to improve its facilities for the training of high school teachers. The School of Education officials immediately entered into an agreement with the Chapel Hill School Board to make use of the local public high school as the training school for the School of Education. Under this arrangement six departments in the Chapel Hill High School are to be used for purposes of observation, demonstration, and directed teaching. These are the departments of English, mathematics, French, Latin, history, and natural science.

At the head of each of these departments is a member of the School of Education staff assigned to regular teaching duties in the high school, who conducts in the School of Education courses in the materials and methods of instruction in his particular subject, and who also has charge of the "directed teaching" of students who are preparing themselves for teaching his subject. A Director of Training, who is also a member of the School of Education staff, has general supervision over the work of the training school.

In 1927, another agreement was made with the local school officials that enables the School of Education to make use of the elementary grades of the local public school for the training of Primary and Grammar grade teachers. Thus the development and improvement of the local public school, from the first grade through the high school, has become a coöperative project of the Chapel Hill community and the University.

GRADUATE WORK IN EDUCATION: HIGHER DEGREES

The School of Education is prepared to offer a fairly wide range of graduate work as will be seen from the list of courses announced under the Department of Education. Graduate students in Education working for advanced degrees, Master of Arts, Master of Science, and Doctor of Philosophy, register in the Graduate School of the University.

LIBRARY FACILITIES

In addition to the library facilities afforded by the General Library, the School of Education has its own departmental library of over two thousand bound volumes and several thousand pamphlets, periodicals, and school reports. Here are to be found most of the more important recent books on education printed in English, all the more important educational journals and periodicals, to which the library is a regular subscriber, and a large collection of State and city school reports. The library is in charge of a trained librarian.

EXTENSION AND CORRESPONDENCE

Attention is called to the work in extension and correspondence courses listed elsewhere in this catalogue. In addition to the regular members of the University Faculty the following full-time instructors offer work in the Extension Division:

WILLIAM JOHN MCKEE, Ph.D., *Professor of Education.*
GEORGE HOWARD, Ph.D., *Professor of Education.*
ROY WILLIAMSON MORRISON, Ph.D., *Associate Professor of Education.*
CECILIA HATRICK BASON, M.A., *Assistant Professor of Education.*
GLADYS ANGEL, M.A., *Assistant Professor of Health and Physical Education.*
LINDA SHUFORD MCINTOSH, A.M., *Instructor in Education.*
LEROY F. JACKSON, M.A., *Instructor in Education.*

BUREAU OF EDUCATIONAL RESEARCH

The Bureau of Educational Research was organized in the School of Education on July 1, 1923, for the purpose of conducting and encouraging scientific research in the public schools of the State of North Carolina. This Bureau serves as a clearing-house for exact information about educational conditions in the State, collects and assembles the results of investigations conducted by other agencies dealing with social work, and carries on independent studies of a scientific nature. Standard scales and tests for measuring the work of the schools may be purchased at cost through the Bureau.

The staff of the Bureau is at present composed of the professors in the School of Education and one statistical assistant. The Bureau is equipped to conduct surveys of any phase of school efficiency, and its services are given without charge to public schools in the State. Schools in other states will be charged a reasonable price for services rendered. Correspondence regarding investigations should be addressed to Dr. M. R. Trabue, Director of the Bureau of Educational Research.

TEACHERS' BUREAU

The School of Education conducts a teachers' bureau which is at the service of teachers and school officials without any cost to them whatsoever. The annual registration of teachers runs from 300 to 500, most of whom register with it during the Summer School.

Correspondence from teachers regarding vacancies in the schools and from school officials regarding available teachers should be addressed to Mr. I. C. Griffin, Secretary of the Teachers' Bureau.

THE HIGH SCHOOL JOURNAL

The *High School Journal* is published eight times a year by the School of Education. All the professors in the school contribute to

its columns, as do other members of the University Faculty. The subscription price is $1.50 a year. The Editorial Board is composed of professors in the School of Education.

ORANGE COUNTY SCHOOLS

The School of Education coöperates with the Orange County school officials in the administration and supervision of the public schools of the county. This phase of our work is conducted by Dr. E. W. Knight, who meets regularly with the county board of education to give such expert advice and assistance as the board may need or desire. Professor Knight also serves without pay from the county as Assistant County Superintendent of Schools.

EDUCATIONAL INFORMATION AND ASSISTANCE

The members of the School of Education, by virtue of their close contact with the schools of the State, their wide acquaintance with school officials, and their practical and theoretical knowledge of the State's school problems, are obliged to carry on constantly a rather considerable correspondence. Every year they are called upon by school officials and teachers to answer hundreds of letters of inquiry relating to every conceivable phase of educational administration and school procedure. There is no charge whatsoever for this service.

THE SCHOOL OF COMMERCE

FRANK PORTER GRAHAM, M.A., *President.*
DUDLEY DEWITT CARROLL, M.A., *Dean.*
CLAUDIUS TEMPLE MURCHISON, Ph.D., *Director of Research.*

*THE ADMINISTRATIVE BOARD

CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*
STURGIS ELLENO LEAVITT, Ph.D., *Professor of Spanish.*
ERICH WALTER ZIMMERMAN, Ph.D., *Professor of Commerce and Resources.*
ERLE EWART PEACOCK, A.B., M.B.A., C.P.A., *Professor of Accounting.*
WILLIAM FLINT THRALL, Ph.D., *Professor of English.*
JOHN BROOKS WOOSLEY, M.A., *Professor of Economics.*
CORYDON PERRY SPRUILL, A.B., B.Litt. (Oxon.), *Associate Professor of Economics.*
GEORGE HOWE, Ph.D., *Professor of Latin.*

GENERAL STATEMENT

Though courses of instruction in economics and in certain business subjects have been offered for many years in the University of North Carolina, not until 1919 was there established a regular business curriculum. In that year, the Legislature, in conformity with the recommendations of the President and the Board of Trustees, enacted the legislation which resulted in the immediate organization of the School of Commerce. The School occupies a place in the University organization which is coördinate in standing with the College of Liberal Arts and the School of Applied Science.

The undergraduate course of study, leading to the degree of Bachelor of Science in Commerce, covers a period of four years and is designed to give a foundation of broad and general culture, and, at the same time, supply a definite training to those who intend to engage in any of the great lines of industrial and commercial activity. For those desiring more intensive specialization, the School of Commerce offers graduate courses leading to the degree of Master of Science in Commerce.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

AIM AND PURPOSE

The phenomenal industrial growth of the South in recent years has produced an imperative need for trained business men. The School of Commerce in a large sense is the expression of the University's desire to serve this special need of its own particular section. To this end substantial support has been accorded the School by both the University and the State as a whole. In consequence the School has been provided with a large and able corps of instructors, with spacious quarters in Bingham Hall, and with thoroughly modern teaching facilities.

It is the purpose of the School of Commerce to provide its students with as thorough and scientific business training as it is possible to give within the range of the subjects which it attempts to cover. Its teaching policy assumes that such training should consist not only of the requisite understanding of the principles and methodology which govern the organization and administration of typical business enterprises, but in addition an understanding of the problems and the larger relationships of the economic organization as a whole. In his attempt to master the technical and the vocational aspects of business, the student will not be permitted to lose sight of the social and cultural.

TEACHING POLICY

Wherever possible, the plan is followed of presenting the subject-matter of the various courses from the point of view of the executive, always bearing in mind that the executive's field of interest includes the broad outside relationship as well as the internal administration of his business. Adherence to this common point of view prevents confusion in the mind of the student, and enables him to place the problems and practices of business in their true perspective.

Within the short space of time at his disposal, it is impossible for the student to investigate in detail the entire field of business. It is therefore the policy of the School of Commerce to supplement the general survey which is required of every student with a more intensive study of that portion of the field which is of especial interest to him. To this end there have been prepared for the student certain groupings of closely related courses. The groupings have been made in such a way as to correspond with certain major functions which must be performed in the successful administration of a business enterprise.

These functions may be designated as follows: (1) The administration of production; (2) the management of finance; (3) marketing and selling; (4) management of personnel; (5) the avoidance or distribution of risk; (6) dealing with problems of transportation; (7) conforming with legal requirements; (8) handling the problem of accounting.

In addition to these groups, which have been constructed to conform with the major business functions, certain others have also been provided. The first of these offers special study in the field of foreign trade. It is so devised as to be of value not only to those intending to engage in some branch of export or import trade, but also to be of material aid to those looking forward to careers in connection with the consular service.

SCOPE OF SPECIALIZATION

Specialization in the manner here indicated, however, does not begin until the senior year, except in the accounting and marketing groups. The School of Commerce accepts the principle that a broad and thorough training in fundamentals, as well as some maturity of mind, should precede any high degree of specialization. Whether the educational process be viewed as a training of the mental faculties, or as the acquisition of a fund of knowledge, it is equally imperative that the materials of study be definite and compact. Arrangement and treatment must be so designed as to assure results which are cumulative and which have continuity of direction.

To this end the undergraduate curriculum of the School of Commerce is arranged in logical sequence, with the same requirements imposed upon virtually all candidates for degrees until the senior year is reached. During his freshman and sophomore years the student is required to follow a path of study which closely parallels the liberal arts course. The first year's work includes English composition, mathematics, history, economic geography, and a modern language. In the second year are courses in general economics, industrial history, English and American literature, a natural science, and a continuance of the chosen modern language.

In his junior year the student devotes most of his time to required courses in economics, commerce, psychology, and government which include money and banking, business organization, accounting, economic statistics, general psychology, and American federal government.

In the senior year specialization begins through the election by the student of his preferred group of courses from the list outlined above. It is to be noted that the freedom to elect does not apply to courses regarded singly, but only to courses as they are arranged in more or less standardized groups. Having chosen a given group, the student is expected to satisfy its requirements in full unless a substitute program has been submitted to and approved by the Administrative Board of the School.

In all of the groups two courses in business law are required, and one course on the relationship between government and business. A fourth requirement common to all groups is a choice either of the course in Theories of Economic Reform, or of the course in

Labor Problems. This leaves in each group from five to six courses which constitute the subject matter of specialization.

IMPORTANCE OF GRADUATE STUDY

From the preceding survey of the undergraduate curriculum, it is apparent that those students who are desirous of securing the benefits of thorough specialized training and intensive research work, should continue in the University for at least one year of graduate study.

The Administrative Board of the School strongly urges the advisability of such an additional year for the superior student. Equipped with his undergraduate training, unburdened of the formal routine of courses which have been preparatory in nature, the graduate student is free to concentrate his full powers upon the subject of his choice. His attitude changes from one of receptivity and acquiescence to one of active inquiry and initiative. He is charged with the responsibility of finding new materials, new arrays of facts, and of subjecting them to his own independent analysis, to the end that new relationships may be discovered or new evaluations made. His initiative, his analytical and creative powers, his quality of persistence, are tested and developed to a degree impossible of attainment in the undergraduate years.

The School of Commerce is prepared to offer graduate instruction and facilities for graduate research activities in the fields indicated by the senior study groups. Courses have been developed exclusively for graduate students. They are designed primarily for the encouragement and guidance of research activity, and in consequence are conducted informally and on a basis of close personal contact between professor and student.

GRADUATE DEGREES

The School of Commerce offers the graduate degree of Master of Science in Commerce. Candidacy for this degree is conditioned upon the holding of an S.B. in Commerce degree from this institution or from another institution of approved standing where the work required in commerce is of substantially the same nature and volume. Graduates of other institutions who hold the A.B. degree are advised to register as candidates for the Master of Arts degree, majoring in Economics. In this way a limited number of commerce courses may be secured for graduate credit; or, if the student desires, by prolonging the period of residence, the undergraduate deficiencies may be removed, leaving the path clear for the degree of Master of Science in Commerce.

The Department of Economics offers the degree of Doctor of Philosophy. In conjunction with the Departments of History, Sociology, and Rural Social Economics, it also offers the degree of Doctor of Philosophy in Social Science. (For the general rules and

regulations governing the candidates for these degrees see catalogue of the Graduate School.)

Graduates of other institutions desiring to enter the School of Commerce as candidates for higher degrees should submit their records together with application for entrance to the Dean of the Graduate School.

The conferring of the degree of Master of Science in Commerce assumes as a minimum the completion of nine full courses or their equivalent as approved by the Dean, a residence period of at least one year, and the completion of a thesis which embodies the results of original research work on the part of the student. (For further details see the catalogue of the Graduate School.)

SPECIAL STUDENTS

There are many young people already in business who feel the need of additional special training but who are unable to spend the full four years at the University, or who cannot provide proper entrance credits. Recognizing this the School of Commerce will admit students of twenty-one years of age or over, who cannot fulfill the entrance requirements, as special students, but not as candidates for degrees. Such students must supply satisfactory evidence of their ability to profit from the courses and *will be admitted only on probation.* A personal interview with the Dean is recommended in connection with the application for admission.

LIBRARY FACILITIES

In addition to the facilities afforded by the General Library of the University, the School of Commerce is equipped with its own special library. In the latter are contained a larger number of economic and business publications of recent years which may be of value to the student. An appropriation of $2,000 annually assures that the collection will be well-maintained and kept up-to-date.

Especially noteworthy is the collection of periodical publications. Most of the important periodicals in the general field of business and finance are regularly received. In addition, the School of Commerce is a regular subscriber to over fifty trade journals, and to the statistical services of Brookmire, Gibson, the Babson Institute, and the Standard Statistics Company. The Harvard and Cambridge Economic Surveys are also provided.

A full time librarian is in charge and is prepared to aid students in the collection of such materials for research work as may not be currently available in the University. Special library privileges are accorded graduate students who have access to the stack rooms and private desk space.

LECTURES AND OBSERVATION TRIPS

Students are expected to take advantage of the frequent opportunities to hear lectures offered by prominent business men who are invited to the University for this purpose. These lectures will prove of great value to the student in furthering his acquaintance with the practical aspects of business.

From time to time the classes in business subjects make visits to neighboring factories and other types of business institutions for the purpose of making first-hand studies of organizations and administrative methods.

STENOGRAPHY

No credit toward the degree is given for stenography but every student is urged to acquire facility in the use of it before graduation. Instruction in this subject is not offered by the University but can be secured in Chapel Hill in a private school.

SOCIETIES

The Taylor Society maintains a chapter in connection with the School of Commerce and the School of Engineering which is open to both faculty and students. Bi-weekly meetings are held at which nationally known authorities present papers.

Two national commerce fraternities have chapters in the University: Alpha Kappa Psi and Delta Sigma Pi. These fraternities are professional in character and perform valuable services in the preparation of students for a business career. Membership includes both students and faculty.

STANDARDS OF WORK

The School has been admitted to membership in the American Association of Collegiate Schools of Business. This is an organization formed for the promotion of thorough-going, scientific training for the business profession. It maintains high standards of membership based on the number and training of the faculty, the thoroughness of the work, the length and breadth of the curriculum, the number of students, the financial backing of the school, and the facilities for carrying on the work.

STUDENT HABITS

Training for business, if it is to be worthy of the name, should include at least two elements: first, an understanding of the principles and processes of business; and second, the practice of habits of work essential to business success. Observation appears to justify the conclusion that promptness, industry, systematic application, and honest performance are quite as vital to mastery in the business world as an understanding of the nature of industrial and commercial

phenomena. It is wasteful, then, to allow students to proceed far in this field if they are unwilling to fashion their habits in conformity with these essential requirements. The policy of the School will be to drop from its rolls any student who fails to respond to the above standards.

REQUIREMENTS FOR ADMISSION

See page 57.

EXPENSES

See pages 60-64.

CURRICULA LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN COMMERCE

The degree of Bachelor of Science in Commerce will be conferred upon students who satisfy the entrance requirements and complete the four-year curriculum as outlined below, consisting of not less than thirty-seven courses.

In case required freshman courses are taken after the student begins his seventh quarter or required sophomore courses are taken after he begins his tenth quarter, half credit only is allowed.

The work in the freshman and sophomore years is the same in all the courses of study, unless otherwise indicated, and is as follows:

Freshman Year

English 1abc
Mathematics 2-1
History 1-2-3
Geology 5
Economics 11
French 3-4, or
Spanish 3-4, or
German 3-4

Sophomore Year

English 21-22
Economics 31-32
Economics 35
French 21, 25
Spanish 21, 25
German 21, 22
Zoölogy 41-42, or
Botany 41-43, or
Chemistry 1-2, or
Physics 21-22, or
Geology 11-12

In order that the junior and senior subjects may be chosen in such a way as to constitute a coherent and comprehensive whole, rather than an unrelated and scattered series, the following programs have been devised. Each student is expected to elect at the beginning of his junior year the group which best serves his needs and to adhere to it. However, students whose interests do not coincide with any of the following groups are invited to submit an alternative program for the approval of the Administrative Board of the School.

I. FACTORY ORGANIZATION AND ADMINISTRATION

Junior Year

Commerce 51, 71-72, Psychology 21-22, Economics 71, 81-82, Government 21.

Senior Year

Commerce 91-92, 151, 155, 173, 191, Economics 191 (or 195), 197, English—elective to be approved by Dean, select one course from the following: Government 22, 131, 132, Economics 141, Philosophy 56, 57, 61, Rural Economics 81.

II. BANKING AND FINANCE

Junior Year

Commerce 51, 71-72, Psychology 21-22, Economics 71, 81-82, Government 21.

Senior Year

Commerce 91-92, 191, 195, Economics 185, 191 (or 195), 197, Commerce 181 (or Economics 182), English—elective to be approved by the Dean, select one from the following: Economics 141, Government 22, 131, 132, Philosophy 56, 57, 61, or Rural Economics 81.

III. MARKETING, MERCHANDISING, ADVERTISING

Junior Year

Commerce 51, 71, 72, Economics 71, 81-82, 124, Psychology 21-22.

Senior Year

Select three from Commerce 61, 161, 163, 165, 167, Commerce 91-92, Economics 191 (or 195), 197, Government 21, English—elective to be approved by the Dean, select one course from Economics 141, Government 22, 131, 132, Philosophy 56, 57, 61, Rural Economics 81.

IV. PERSONNEL MANAGEMENT

Junior Year

Commerce 51, 71-72, Psychology 21-22, Economics 71, 81-82, Government 21.

Senior Year

Commerce 91-92, 151, 155, Economics 191, 195, 197, Psychology 135 or Sociology 41, English—elective to be approved by the Dean; select one from Economics 141, Government 22, 131, 132, Philosophy 56, 57, 61, or Rural Economics 81.

V. RISK-BEARING AND INSURANCE

Junior Year

Commerce 51, 71-72, Psychology 21-22, Economics 71, 81-82, Government 21.

Senior Year

Economics 121, 191 (or 195), 197, Commerce 91-92, 61 (or 191), 121, 122, English—elective to be approved by the Dean; select one from Economics 141, Government 22, 131, 132, Philosophy 56, 57, 61, or Rural Economics 81.

VI. BUSINESS LAW

Junior Year

Commerce 51, 71-72, Psychology 21-22, Economics 71, 81-82, Government 21.

Senior Year

Commerce 191, 195, Economics 141, 195, 197, English—elective to be approved by the Dean; Government 131; select three from the following: Commerce 122, Economics 121, 124, 142, 144, 151, 191, Government 22, Philosophy 131-132-133.

VII. ACCOUNTANCY

Junior Year

Commerce 51, 71-72, 171, Economics 71, 81-82, Psychology 21-22.

Senior Year

Commerce 91-92, 173, 174, 191, Economics 191 (or 195), 197, Government 21, 131 (or 132), English—elective to be approved by the Dean.

VIII. FOREIGN TRADE AND THE CONSULAR SERVICE

NOTE. It should be understood that this program merely lays the foundation for more advanced and specialized study prerequisite to the proper preparation of candidates for the consular service. One general course in Foreign Trade Technique cannot be expected to eliminate an apprenticeship in that field, but it should materially shorten it.

Junior Year

Commerce 51, 71-72, Psychology 21-22, Economics 71, 81-82, Government 21.

Senior Year

Economics 124, 161, 191 (or 195), 197, Commerce 91-92, 145 (or 181), 169, Government 22; select one from the following: Economics 111, English 51, an additional modern foreign language.

IX. GENERAL COURSE

Junior Year

Commerce 51, 71-72, Psychology 21-22, Economics 71, 81-82, Government 21.

Senior Year

Commerce 91-92, Economics 185 (or 121), 191 (or 195), 197, English—elective to be approved by the Dean; select one from the following: Economics 141, Government 22, 131, 132, Philosophy 56, 57, 61, Rural Economics 81; select three from the following: Economics 111, 124, 144, 151, 161, 175, 182; Commerce 61, 121, 122, 151, 161, 165, 169, 171, 173, 175, 181, 191.

XIII. COMBINED COURSE IN COMMERCE AND LAW

For the details of this course please see under the School of Law, Part Five.

THE SCHOOL OF PUBLIC WELFARE

FRANK PORTER GRAHAM, M.A., *President.*
HOWARD WASHINGTON ODUM, Ph.D., *Director.*

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ERNEST RUTHERFORD GROVES, A.B., B.D., *Research Professor of Sociology.*
HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology.*

SPECIAL STAFF

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EUGENE CUNNINGHAM BRANSON, A.M., Litt.D., *Kenan Professor of Rural Social Economics.*
HARRY WOLVEN CRANE, Ph.D., *Professor of Psychology.*
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†PAUL WOODFORD WAGER, Ph.D., *Assistant Professor of Rural Social Economics.*
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ROY MELTON BROWN, Ph.D., *Research Associate in Sociology.*
RUPERT BAYLESS VANCE, Ph.D., *Research Associate in Sociology.*
KATHARINE JOCHER, Ph.D., *Lecturer on Family Case Work.*
GEORGE HAROLD LAWRENCE, A.M., *Supervisor of County Field Work.*

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
† Absent on leave, 1930-1931.

HISTORICAL STATEMENT

The School of Public Welfare of the University of North Carolina was authorized by the Board of Trustees at their mid-year meeting in January, 1920, on the recommendation of President Harry Woodburn Chase. The recommendation was made with the needs both of the college and the extension service of the University in mind and with the thought that such a School of Public Welfare would be built up around the Department of Sociology.

THE GENERAL PLAN OF WORK

In accordance, therefore, with the purposes of the School as set forth by the President and Trustees of the University plans for effective organization were begun and tasks entered upon during the Summer School of 1920. To meet the specific needs of the State and the University, and to some extent the South, a four-fold service was planned. The first emphasizes instruction in Sociology and Social Problems, including teaching in the College and University, extension teaching through the Extension Division for outside communities, and through general instruction and promotion of citizenship. The second emphasizes training for special work and community leadership, with special reference to town, village, and rural communities, and with special application to the State of North Carolina and the South. The division hopes to meet the very urgent demands of the State for trained men and women for its county superintendents of public welfare and other official positions and of many communities throughout the South for Red Cross secretaries and other community workers in the mill village and elsewhere. The third aspect of the work emphasizes direct and indirect community service, or social engineering through the avenues of community leaders, county superintendents of public welfare, local and district conferences, and community planning for leaders, industrial managers, and others. The fourth aspect emphasizes social research, scientific inquiry, and publication of results estimated to be of value to the State, the University, and to the general public welfare and social progress. A fifth general purpose, kept constantly in the foreground, provides, that the School maintain close and cordial coöperation with the State Department of Public Welfare, with other State departments of public service, with other departments and schools of the University, and with local and national voluntary agencies.

THE PLAN OF INSTRUCTION

In planning the courses of instruction, two important considerations have been kept constantly in mind. The first is to provide the necessary courses in social theory and applied sociology for the student who wishes to major in sociology or to elect subjects from

this department adequate for his purposes. The second consideration has in mind the necessary background, philosophy, and technique prerequisite to the preparation for social work in the larger and more effective way. In the first group, courses consist largely of the study of the history and theory of society, together with special problems like immigration, social pathology, penology, the negro problem, statistics, and social research and seminars on special topics assigned to the student. Such courses may be elected by college students and counted toward other degrees, or they may be elected and coordinated with the special courses for the training for professional social work.

In the group of courses prepared especially for the training of social workers and community leaders, the institutions and institutional modes of life are the centers around which are built the instruction and field work required of all who select this plan of preparation. The six fundamental institutional modes of life emphasized are: the home and family; the school and education; the church and religion; the state and government; industry and work; the community and association. No courses are offered in the field of religion and the church, but courses in philosophy may be elected if desired, and the place of the church is treated thoroughly in all courses in community organization and community work, as well as in courses dealing with social theory and organization. The plan of instruction, then, follows the divisions set forth below:

I General Social Theory; II The Home and Family; III The Community and Association; IV The State, Government, and Public Institutions; V The School and Education; VI Play and Recreation; VII Industry and Work; VIII Methods of Organization and Administration; IX Field Work; X Summer Institutes of Public Welfare.

In each of these divisions courses listed are correlated with other courses, both in the Department of Sociology and the School of Public Welfare, and in the Departments of Economics, Government, Psychology and the Schools of Education and Commerce. The courses tending more nearly to specialization in industrial management and industrial welfare will be strengthened as the demand increases to include a large number from which to choose. In making plans for enrolling or for electing courses the student should make special inquiry to ascertain whether all courses listed are given during any specific year. The exact statement of term courses is given where possible, but the special needs of students, together with other considerations, make it advisable to allow some flexibility in arranging final schedules.

CANDIDATES FOR GRADUATE DEGREES

It is expected that those graduate students who are pursuing courses leading to graduate degrees, if they major in sociology or

social work, shall select a minor from the fields of rural social science, economics, psychology, government, education, or history. In each of these fields North Carolina is rich in available opportunities for research and leadership and the several departments are well equipped to do work of the highest order. Candidates for the Ph.D. degree will make special inquiries concerning requirements in addition to those specified in the Graduate School. In the announcements that follow reference is made to several departments and selected courses listed to indicate the opportunities for appropriate electives in other departments.

THE SCOPE OF PROFESSIONAL COURSES

In addition to regular graduate degrees and the special courses selected and combined to meet the needs of special public officials, the following types of courses are given. Details of these may be gained from descriptions of courses in Part Three.

I. A one-year course of professional training consisting of two quarters in residence and one quarter in field work under supervision. This course is open to graduates of colleges of good standing. In addition to the specialized field work required during the third quarter, students taking this course will carry on field work in counties adjacent to the University during the two quarters in residence. A certificate will be issued upon completion of this course.

II. A two-year course of professional training. The first year of this course is identical with the one-year course. It will be followed by another year both in residence and in the field. Courses during the second year are designed for more intensive specialization and research and for more responsible administrative and executive work. A diploma will be issued upon completion of this course.

III. A four-year collegiate course, leading to the A.B. degree with a major in Sociology or social work is available for undergraduates and especially adapted to those who wish to prepare for special leadership in educational and administrative work in this field. It also makes the student thus graduating eligible for the advanced pure graduate course in social work and administration.

IV. Special courses of one, two, or three quarters arranged for students desiring to do special research or short time work. Students not eligible to the regular courses by reason of not holding a degree may be admitted to these special courses as *special students* provided they have had sufficient general education and practical experience to insure satisfactory work.

V. Summer institutes, arranged for special groups including superintendents of public welfare, county directors of community recreation, Red Cross secretaries, teachers and principals interested especially in community work, and others.

For further particulars concerning scholarships, fellowships, publications, courses, and other details write to the Director.

THE GRADUATE SCHOOL

FRANK PORTER GRAHAM, M.A., *President.*
WILLIAM WHATLEY PIERSON, JR., Ph.D., *Dean.*
ALMONTE CHARLES HOWELL, Ph.D., *Assistant to the Dean.*

*THE ADMINISTRATIVE BOARD

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WILLIAM MORTON DEY, Ph.D., *Professor of the Romance Languages and Literatures.*
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CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*
GUSTAVE ADOLPHUS HARRER, Ph.D., *Professor of Latin.*
THORNDIKE SAVILLE, C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*
HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology.*
GEORGE COFFIN TAYLOR, Ph.D., *Professor of English.*

GENERAL STATEMENT

The Graduate School finds its province in the fostering of research, in training students to become investigators and teachers in special fields of learning, and in supplying opportunity for further study to those who have already completed a college course. The University of North Carolina has been interested in research for more than a century, and has made noteworthy contributions in science, history, and the languages. Through its research clubs and learned journals, as well as through publications and other contributions to learning made by members of its faculty, the University has acquired the authority to give advanced instruction. For this it is competent both from the standpoint of the personnel of its faculty and in material equipment in libraries and laboratories.

Instruction leading to the Master's degree was offered at this institution prior to the American Civil War, and such higher degrees were granted in courses. Formal action with high standards in

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.
† Absent on leave, winter and spring quarters, 1931.

requirements was taken in 1876 to establish a graduate school. A graduate bulletin, issued in 1885, showed that nearly all departments offered advanced courses. The number of students in those years was small, but the work accomplished in both the humanities and the sciences was of distinguished quality. Given distinct status in 1904 and the leadership of a Dean, the Graduate School has experienced steady and, since 1920, rapid growth.

Work for advanced degrees is under the supervision of the Graduate Faculty, which consists of those officers of professorial rank who are chiefly interested in the Graduate School, either because they offer courses for graduate students or because of their interest in research. The immediate direction of the Graduate School is in charge of an Administrative Board, of which the Dean is chairman. Special requirements and regulations made by this board are outlined in the Catalogue of the Graduate School, published in alternate years and recognized as the official publication of the Graduate School.

GRADUATE DEGREES

The degrees under the supervision of the Graduate Faculty are Master of Arts (A.M.), Master of Science (S.M.), and Doctor of Philosophy (Ph.D.). For a complete statement of the requirements for these degrees reference must be made to the special Catalogue of the Graduate School.

SUMMARY OF THE REQUIREMENTS FOR HIGHER DEGREES

MASTER'S DEGREE

1. A bachelor's degree from a recognized institution.
2. A minimum residence period of three quarters.
3. A reading knowledge of one modern foreign language.
4. Nine graduate courses, six of which must be in the department of the major.
5. A written examination in the field of the major.
6. An oral examination covering the entire field of study.
7. A thesis.

DOCTOR OF PHILOSOPHY

1. Admission is the same as for the master's degree.
2. A minimum of three years of graduate study, at least one of which must be at the University of North Carolina.
3. A reading knowledge of French and German.
4. A major covering adequately the field of major interest and at least six courses in a minor, which may or may not be in a different department.

5. A preliminary oral examination.
6. A written examination in the field of major interest.
7. An oral examination covering the entire field of study.
8. A dissertation.

CATALOGUE OF THE GRADUATE SCHOOL

For information concerning the Graduate Faculty, fields of research, fellowships and other aids, expenses and tuition, and for regulations governing courses of study, credits, admission, examinations, and higher degrees, reference must be made to the special Catalogue of the Graduate School.

THE SUMMER SCHOOL, 1930

FRANK PORTER GRAHAM, M.A., *President.*
NATHAN WILSON WALKER, A.B., Ed.M., *Director.*
ISAAC CEBERN GRIFFIN, *Executive Secretary.*

THE ADMINISTRATIVE BOARD

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WILLIAM WHATLEY PIERSON, JR., Ph.D., *Dean of the Graduate School.*
ALLAN WILSON HOBBS, Ph.D., *Dean of the College of Liberal Arts.*
DUDLEY DEWITT CARROLL, M.A., *Dean of the School of Commerce.*
JAMES MUNSIE BELL, Ph.D., *Dean of the School of Applied Science.*
HOWARD WASHINGTON ODUM, Ph.D., *Director of the School of Public Welfare.*
THOMAS JAMES WILSON, JR., Ph.D., *Dean of Admissions and Registrar.*
CHARLES THOMAS WOOLLEN, *Business Manager of the University.*
ROBERT BURTON HOUSE, A.M., *Executive Secretary of the University.*

STAFF OF INSTRUCTION

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RAYMOND WILLIAM ADAMS, Ph.D., *Assistant Professor of English.*
GENEVIEVE ALBERTSON, M.A., *Assistant Professor of Education, State Teachers College, Dillon, Mont.*
GLADYS ANGEL, M.S., *Student, Teachers College, Columbia University.*
JAMES OSLER BAILEY, A.M., *Instructor in English.*
NEIL PHILLIPS BAILEY, M.A., *Associate Professor of Mechanical Engineering.*
MYRON IRVING BARKER, Ph.D., *Instructor in French.*
KEY LEE BARKLEY, Ph.D., *Instructor in Psychology.*
ELIZABETH BARRY, M.A., *Teacher, Lincoln School, Teachers College, Columbia University.*
CHARLES DALE BEERS, Ph.D., *Associate Professor of Zoölogy.*
JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry and Dean of the School of Applied Science.*
LORENZO JAMES BELL, JR., A.M., *Instructor in German.*
LUTHER LEE BERNARD, Ph.D., *Professor of Sociology.*
WILLIAM STANLEY BERNARD, A.M., *Professor of Greek.*
NORA BEUST, A.B., *Librarian, School of Education.*
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The letter "s," meaning summer, is prefixed to the numbers of courses to distinguish them from the numbers employed in the annual catalogue to designate the courses of the regular college year.

The letter "C" indicates that a course may be counted toward the bachelor's degree in the appropriate School or College of this University as indicated by the Roman numerals added after the statement of the amount of credit carried by the particular course. The

letter "E" in the case of French, German, and Spanish courses indicates that entrance credit is given. In this scheme of numerals I means College of Liberal Arts; II, School of Education; III, School of Commerce; IV, Premedical course, or for S.B. in Medicine; V, School of Applied Science. The abbreviation "G" indicates that a course so marked may be counted toward an advanced degree.

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s66. ART HISTORY. *Five hours a week, second term.* C. I, II. Mr. Harland.

s114. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS. G. *Five hours a week, first term.* Mr. Bernard.

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GREEK

(See under Art History)

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s60. NORTH CAROLINA, 1865-1925. *Ten hours a week, first term.* C. or G. Mr. Connor.

s77. HISTORY OF THE UNITED STATES: THE NORTHEAST, 1815-1860. *Five hours a week, both terms.* C. or G. Mr. Craven.

s78. HISTORY OF THE UNITED STATES: THE LOWER SOUTH. *Five hours a week, both terms.* C. or G. Mr. Craven.

s119. THE ENGLISH BACKGROUND OF THE AMERICAN REVOLUTION. *Five hours a week, second term.* Mr. Wagstaff.

s170. HISPANIC-AMERICAN CONSTITUTIONAL HISTORY: A SELECTED PHASE. *Two hours a week, both terms.* Mr. Pierson.

Government

s30. THE ELEMENTS OF POLITICAL SCIENCE. *Ten hours a week, second term.* C. or G. Mr. Pierson.

s50. HISTORICAL JURISPRUDENCE. *Five hours a week, second term.* C. or G. Mr. Woodhouse.

LATIN

s4. POST-AUGUSTAN PROSE. *Five hours a week, both terms.* C. I, II. Mr. Griffin.

s11ab. ESSENTIALS OF HIGH SCHOOL LATIN. *Five hours a week, both terms.* C. I, II. Mr. Gwynn.

s19. CÆSAR. *Five hours a week, second term.* C. I, II. Mr. Griffin.

s20. CICERO. *Five hours a week, first term.* C. I, II. Mr. Griffin.

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s23ab. ROMAN EDUCATION. *Five hours a week, both terms.* C. or G. Mr. Griffin.

s101ab. SEMINAR COURSE. *Five hours a week, both terms.* C. or G. Mr. Howe and Mr. Harrer.

s107. PROSE OF THE EMPIRE. *Five hours a week, first term.* C. or G. Mr. Harrer.

s110. THESIS COURSE. *Both terms.* Mr. Howe and Mr. Harrer.

s115. LATIN LITERATURE. *Second term.* Mr. Howe.

LIBRARY SCIENCE

s1a. ADMINISTRATION. *Five hours a week, first term.* C. I, II. Miss Findley.

s1, s1b. CLASSIFICATION AND CATALOGING. *Five hours a week, second term.* C. I, II. Mrs. Vining.

s2a. FUNCTION AND USE OF THE LIBRARY. *Five hours a week, first term.* C. I, II. Miss Findley.

s2b. REFERENCE AND BIBLOGRAPHY. *Five hours a week, second term.* C. I, II. Mrs. Vining.

s4a. BOOK SELECTION. *Five hours a week, second term.* C. I, II. Miss Beust.

s4b. BOOK SELECTION. *Five hours a week, second term.* C. I, II. Miss Beust.

MATHEMATICS

s1. COLLEGE ALGEBRA. *Five hours a week, through both terms.* C. I, II, III, IV. Mr. Linker and Mr. Hill.

s2 (Trig.). PLANE TRIGONOMETRY. *Five hours a week, through both terms.* C. I, II, III, IV. Mr. Lasley and Mr. Browne.

s3. ANALYTIC GEOMETRY. *Five hours a week, through both terms.* C. I, II. Mr. Linker and Mr. Hill.

s4. DIFFERENTIAL CALCULUS. *Five hours a week, through both terms.* C. I, II. Mr. Mackie and Mr. Browne.

s5. INTEGRAL CALCULUS. *Five hours a week, through both terms.* C. I, II. Mr. Winsor and Mr. Hobbs.

s51. DIFFERENTIAL EQUATIONS. *Five hours a week, through both terms.* C. I, II, or G. Mr. Linker and Mr. Hill.

s53. ANALYTIC PROJECTIVE GEOMETRY. *Five hours a week, through both terms.* C. I, II, or G. Mr. Lasley and Mr. Hobbs.

s55. ANALYTIC GEOMETRY OF SPACE. *Five hours a week, through both terms.* C. I, II, or G. Mr. Mackie and Mr. Browne.

s58. GRAPHICAL ANALYSIS. *Five hours a week, first term* Mr. Linker.

s59. ADVANCED CALCULUS. *Five hours a week, first term.* C. I, II, or G. Mr. Mackie.

s64a. INTRODUCTION TO HIGHER GEOMETRY. *Five hours a week, first term.* C. I, II, or G. Mr. Winsor.

s65. THEORETICAL MECHANICS. *Five hours a week, through both terms.* C. I, II, or G. Mr. Winsor and Mr. Hobbs.

s80. HISTORY OF MATHEMATICS. *Five hours a week, first term.* C. I, II, or G. Mr. Lasley.

s81. TEACHING OF MATHEMATICS. *Five hours a week, second term.* C. I, II, or G. Mr. Munch.

MUSIC

s3a. MUSIC APPRECIATION. *Five hours a week, first term.* C. I, II. Mr. McCorkle.

s7a. SIGHT SINGING AND EAR TRAINING, ELEMENTARY. *Five hours a week, both terms.* C. I, II. Miss Hayes and Mr. Wilsbach.

s7b. SIGHT SINGING AND EAR TRAINING, ADVANCED. *Five hours a week, both terms.* C. I, II. Mr. Steckel and Mr. Wilsbach.

s11. HISTORY OF MUSIC, CLASSIC AND ROMANTIC PERIODS. *Five hours a week, first term.* C. I, II. Mr. McCorkle.

s20. HARMONY, ELEMENTARY. *Five hours a week, first term.* C. I, II. Mr. Steckel.

s23a. INSTRUMENTATION. *Five hours a week, first term.* C. I, II. Mr. McCorkle.

s30. GENERAL PROBLEMS OF MUSIC SUPERVISION. *Five hours a week, both terms.* C. I, II. Miss Hayes and Mr. Wilsbach.

s40. PUBLIC SCHOOL MUSIC METHODS, PRIMARY GRADES. *Five hours a week, both terms.* C. I, II. Miss Hayes, Mrs. Woodman and Mr. Wilsbach.

s43. PUBLIC SCHOOL MUSIC METHODS, GRAMMAR GRADES. *Five hours a week, both terms.* C. II. Mrs. Woodman and Mr. Wilsbach.

s46. HIGH SCHOOL MUSIC METHODS. *Five hours a week, first term.* C. II. Mr. Dyer.

s49. METHODS IN MUSIC APPRECIATION. *Five hours a week, first term.* C. II. Mrs. Woodman.

s50. CLASS METHOD OF PIANO INSTRUCTION (JUVENILE BEGINNERS). *First term.* C. II. Miss Nash.

s51. CLASS METHOD OF PIANO INSTRUCTION (ADULT BEGINNERS). *First term.* C. II. Miss Nash.

s53. CLASS METHOD OF VIOLIN INSTRUCTION. *Five hours a week, first term.* C. II. Mr. McCorkle.

s60. DALCROZE EURYTHMICS. *Five hours a week, first term.* C. II. Miss Gjerulff.

PHARMACY

s11. THEORY AND PRACTICE OF PHARMACY. *Ten hours a week, first term.* Mr. Jacobs.

PHYSICS

s1. GENERAL PHYSICS, PART I. *Five lecture, three discussion, and six laboratory hours a week, first term.* Mr. Fussler, Mr. Whitaker and Mr. Braun.

s2. GENERAL PHYSICS. *Five lecture, three discussion, and six laboratory hours a week, second term.* Mr. Plyler, Mr. Braun and Mr. Shearin.

s5. HEAT AND THERMODYNAMICS. *Eight lecture and four laboratory hours a week, second term.* Mr. Plyler and Mr. Shearin.

s9. OPTICS. *Eight lecture and four laboratory hours a week, first term.* Mr. Stuhlman.

s14. ASTRONOMY. *Ten hours a week, first term.* Mr. Fussler.

s141. RESEARCH. *Second term.* Mr. Plyler.

PSYCHOLOGY

s1. GENERAL PSYCHOLOGY. *Eight lecture and eight laboratory hours a week, first term.* C. I, II, III, IV, V. Mr. Crane.

s2. GENERAL PSYCHOLOGY. *Eight lecture and eight laboratory hours a week, second term.* C. I, II, III, IV, V. Mr. Barkley.

s104a. ADVANCED GENERAL PSYCHOLOGY: First Half. *Five hours a week, first term.* G. Mr. Crane.

s141. RESEARCH IN A SPECIAL FIELD. *First term.* G. Mr. Crane.

ROMANCE LANGUAGES

French

s1. ELEMENTARY COURSE. *Ten hours a week, first term.* E. Mr. Downs.

s2. ELEMENTARY COURSE. *Ten hours a week, second term.* E. Mr. Barker.

s7. FRENCH CONVERSATION AND COMPOSITION. *Five hours a week, through both terms.* C. I, II, III. Mr. Downs and Mr. Barker.

s10. REVIEW GRAMMAR AND SYNTAX. *Five hours a week, first term.* C. II. Mr. Giduz.

s11. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. *Five hours a week, through both terms.* C. I, II, or G. Mr. Fenley and Mr. Wilson.

s14. FRENCH PHONETICS. *Five hours a week, through both terms.* C. I, II, or G. Mr. Dey and Mr. Wilson.

s19. THE FRENCH NOVEL. *Five hours a week, through both terms.* C. I, II, or G. Mr. Dey and Mr. Wilson.

s108. FRENCH LITERATURE OF THE 14TH and 15TH CENTURIES. *Five hours a week, through both terms.* G. Mr. Fenley and Mr. Holmes.

s110. HISTORY OF FRENCH LITERATURE PRIOR TO 1300. *Ten hours a week, second term.* G. Mr. Holmes.

s141. RESEARCH. *Second term.* G. Mr. Holmes.

Spanish

s1. ELEMENTARY COURSE. *Ten hours a week, first term.* E. Mr. Jennings.

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s121. EARLY SPANISH. *Five hours a week, through both terms.* G. Mr. Adams.

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RURAL SOCIAL ECONOMICS

s10. RURAL SOCIOLOGY. *Five hours a week, second term.* C. I, II. Mr. Hobbs.

s12. RURAL ECONOMICS. *Five hours a week, first term.* C. I, II. Mr. Hobbs.

s20. NORTH CAROLINA: ECONOMIC AND SOCIAL. *Five hours a week, both terms.* C. I, II, or G.

s108. RURAL SOCIAL PROBLEMS. *Ten hours a week, first term.* G. Mr. Branson.

s113. RURAL ECONOMICS. *Ten hours a week, through both terms.* G. Mr. Branson and Mr. Hobbs.

s117. RURAL SOCIOLOGY. *Ten hours a week, through both terms.* G. Mr. Hobbs.

SOCIOLOGY

s1a. INTRODUCTION TO SOCIOLOGY. *Five hours a week, both terms* C. I, II. Mr. Sanders.

s1b. INTRODUCTION TO SOCIOLOGY. *Five hours a week, second term.* C. I, II. Mr. Sanders.

s2a. PRINCIPLES OF SOCIOLOGY. *Five hours a week, first term.* C. I, II, or G. Mr. Bernard.

s2b. PRINCIPLES OF SOCIOLOGY. *Five hours a week, second term.* C. I, II, or G. Mr. Bernard.

s10a. THE STUDY OF SOCIAL PROBLEMS. *Five hours a week, both terms.* C. I, II. Mr. Meyer and Mr. Vance.

s10b. THE STUDY OF SOCIAL PROBLEMS. *Five hours a week, second term.* C. I, II. Mr. Meyer.

s11a. MARRIAGE AND THE FAMILY. *Five hours a week, first term.* C. I, II, or G. Miss Vaile.

s14a. FAMILY CASE WORK. *Five hours a week, first term.* C. I, II, or G. Miss Vaile.

s23. THEORY OF PLAY. *Five hours a week, first term.* C. I, II, or G. Mr. Meyer.

s25. EXTRA-CURRICULAR ACTIVITIES. *Five hours a week, second term.* C. I, II. Mr. Meyer.

s28a. JUVENILE DELINQUENCY. *Five hours a week, first term.* C. I, II, or G. Mr. Sanders.

s29a. PUBLIC CARE OF CHILDREN. *Five hours a week, first term.* C. I, II, or G. Mr. Sanders.

s41a. SOCIAL LAWS. *Five hours a week, first term.* C. I, II, or G. Mr. Brown.

s45b. SOCIAL ANTHROPOLOGY. *Five hours a week, second term.* C. I, II, or G. Mr. Bernard.

s107ab. ADVANCED STUDY OF SOCIAL PROBLEMS. *Five hours a week, both terms.* Mr. Meyer.

s121ab. ADVANCED PRINCIPLES. *Five hours a week, both terms.* G. Mr. Bernard.

s130a. MARRIAGE AND THE FAMILY. *Five hours a week, first term.* G. Miss Vaile.

s135a. AMERICAN SOCIOLOGY. *Five hours a week, first term.* G. Mr. Bernard.

ZOÖLOGY

s1a. FUNDAMENTALS OF ANIMAL BIOLOGY. *Six hours a week, first term.* C. I, II, III, IV, V. Mr. Beers.

s1b. PRACTICAL STUDIES IN ANIMAL BIOLOGY. *Two lecture and eight laboratory hours a week, first term.* C. I, II, III, IV, V. Mr. Beers.

ELEMENTARY EDUCATION

Education

s46xb. CLASSROOM MANAGEMENT. *Five hours a week, second term.* C. II. Miss Marks.

s63xa. PSYCHOLOGY OF ELEMENTARY EDUCATION. (See under Education, Part II.)

s82G. READING AND STUDY HABITS FOR GRAMMAR GRADES. *Ten hours a week, each term.* C. II. Miss Albertson and Miss Paxton.

s82P. READING AND STUDY HABITS FOR THE PRIMARY GRADES. *Ten hours a week, each term.* C. II. Miss Paxton.

s83xa. MATERIALS AND METHODS OF TEACHING SOCIAL SCIENCE. *Five hours a week, each term.* C. II. Miss Jones and Mr. Jackson.

s84Ga. ARITHMETIC FOR GRAMMAR GRADES. *Five hours a week, each term.* C. II. Miss Marks.

s84Gb. LANGUAGE AND COMPOSITION FOR THE GRAMMAR GRADES. *Five hours a week, both terms.* C. II. Miss Stevens and Miss McKie.

s84Pa. ARITHMETIC, PRIMARY NUMBERS AND PROJECTS. *Five hours a week, each term.* C. II. Miss Marks.

s84Pb. LANGUAGE FOR PRIMARY GRADES. *Five hours a week, each term.* C. II. Miss Stevens and Miss McKie.

ENGLISH

s1xa. CHILDREN'S LITERATURE. *Five hours a week, first term.* C. II. Miss Beust.

s1xb. CHILDREN'S LITERATURE. *Five hours a week, first term.* C. II. Miss Beust.

s2x. READING AND SPEECH TECHNIQUE. *Ten hours a week, each term.* C. II. Miss Hufham.

FINE ARTS

s1G. DRAWING AND ART FOR GRAMMAR GRADES. *Ten hours a week, first term.* C. II. Miss Little.

s1P. DRAWING AND ART FOR PRIMARY GRADES. *Ten hours a week, first term.* C. II. Miss Little.

s1x. DRAWING AND ART FOR GRAMMAR AND PRIMARY GRADES. *Ten hours a week, second term.* C. II. Miss Little.

s1x. PRACTICAL AND INDUSTRIAL ARTS FOR PRIMARY AND GRAMMAR GRADES. *Ten hours a week, second term.* C. II. Miss Little.

PHYSICAL EDUCATION

s3G. PHYSICAL AND HEALTH EDUCATION FOR GRAMMAR GRADES. *Ten hours a week, each term.* C. II. Miss Angel.

s3P. PHYSICAL AND HEALTH EDUCATION FOR PRIMARY GRADES. *Ten hours a week, each term.* C. II. Miss Angel.

PRACTICAL AND INDUSTRIAL ARTS

s1G. INDUSTRIAL ARTS FOR THE GRAMMAR GRADES. *Ten hours a week, first term.* C. II. Miss Shimel.

s1P. INDUSTRIAL ARTS FOR THE PRIMARY GRADES. *Ten hours a week, first term.* C. II. Miss Shimel.

NATURAL SCIENCE

s1x. GENERAL SCIENCE. *Ten hours a week, first term.* C. II. Miss Nichols.

s2x. GENERAL SCIENCE. *Ten hours a week, second term.* C. II. Miss Nichols.

s3x. THE PRINCIPLES OF GEOGRAPHY. *Five hours a week, through both terms.* C. II. Miss Nichols and Miss Barry.

s83xb. MATERIALS AND METHODS OF TEACHING NATURAL SCIENCE. *Five hours a week, second term.* C. II. Miss Barry.

SOCIAL SCIENCE

s1x. PROBLEMS OF CITIZENSHIP. *Five hours a week, both terms.* C. H. Miss Jones and Mr. Jackson.

s2x. NORTH CAROLINA HISTORY. *Five hours a week, first term.* C. H. Mr. King.

s3xab. AMERICAN HISTORY. *Five hours a week, through both terms.* C. H. Mr. Drake.

WRITING

N1. WRITING. *1s. hr. N. First term.* Miss Jones.

THE UNIVERSITY EXTENSION DIVISION

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The University Extension Division is an administrative agency organized for the purpose of conducting the extension activities and services of the various schools and departments of the University. These services are rendered through the following bureaus:

BUREAU OF CLASS INSTRUCTION

Extension classes in regular University subjects are held in communities throughout the State. These classes are taught by members of the University Faculty and when all requirements are met give the same credit as residence work. Those not wishing degree credit are also eligible to enroll in extension classes. The classes usually meet one evening a week for sixteen weeks, for which a half course or two semester hours of degree credit may be earned. The fee for each half course is ten dollars. An individual or group wishing to organize an extension class should make written application to the University Extension Division, giving the following information: probable number of enrollments, general type of persons who wish to join the class, course desired, when and where the class wishes to meet, and who will have charge of the local arrangements.

COURSES OFFERED

The Extension Division attempts to offer most of the courses listed in the University Catalogue in any community where a sufficient number of people desire to enroll.

In order to conserve space, all other information and regulations concerning extension class work are omitted here but may be secured by sending a written request to the University Extension Division.

In-Service Teacher Training

Working in close cooperation with the School of Education, the Division conducts a specialized and carefully arranged program for the training of teachers now working in the schools of the State. The aim of this program is to improve instruction in the schools and to offer opportunities for the professional growth of teachers.

BUREAU OF CORRESPONDENCE INSTRUCTION

All information and regulations concerning correspondence courses offered by the University are contained in the Catalogue of correspondence instruction issued separately.

Courses of Instruction

(Key: [H] Half course, two semester hours, fee $8.00 (for non-residents of North Carolina $10.00); [W] Whole course, three and one-third semester hours, fee $13.50 (for non-residents of North Carolina $17.00). See correspondence instruction catalogue for descriptions of courses, names of instructors, and limitations of credit).

CHEMISTRY

13. Chemistry of Foods (W).

ECONOMICS

1. General Economics (W). 2. General Economics (W). 5. Economic History (W). 11. Credit and Banking (W).

COMMERCE

1a. Accounting ($15.00). 1b. Accounting ($15.00). 20. Salesmanship (W). 27. Retail Salesmanship and Store Management (W). 36. Investments (W). 60. Business Law (W). 61 Business Law (W). English 6—Business English (H). 20. Business English (W).

EDUCATION

1a. Introduction to Educational Psychology (H). 1b. Same, continued (H). 4a. Educational Sociology (H). 4b Same, continued (H). 5a. General Introduction to the Study of Education (H). 5b. Same, continued (H). 20a. Educational Psychology (H). 20b. Same, continued (H). 26. Public School Education in the South (W). 31. Rural Education (W). 36a. Historic Foundation of Modern Education (H). 36b. Same, continued (H). 37a. Public Education in the United States (H). 37b. Same, continued (H). 41a. Introductory Course in School Administration (H). 41b. Same, continued (H). 42a. The Public School Principalship (H). 42b. Same, continued (H). 46a. Classroom Management (H). 46b. Same, continued (H). 47a. Guidance and Administration of Public School pupils (H). 47b. Same, continued (H). 51a. Principles of Secondary Education (H). 51b. Same, continued (H). 52a. General Methods in Secondary Education (H). 52b. Same, continued (H). 62a. Tests and Measurements in Elementary Education (H). 62b. Same, continued (H).

Normal School Division

For courses offered and credit given in primary and grammar grade work please write for Catalogue, addressing the Bureau of Correspondence Instruction.

*Division of Elementary School Education

Education

60X. Curriculum Construction (W). 63a. The Psychology of Elementary Education (H). 63b. Same, continued (H). 82Pa. Reading and Study Habits for the Primary Grades (H). 82Pb Same, continued (H). 82Ga. Reading and Study Habits for the Grammar Grades (H). 82Gb. Same, continued (H). 83xa. Materials and Methods of Teaching Social Sciences (H). 83xb. Materials and Methods of Teaching Natural Science (H). 84Pa. Arithmetic-Primary Number and Projects (H). 84Ga. Arithmetic for the Grammar Grades (H).

* The work listed below under this division carries credit towards the degree of A.B. in Education (Elementary) and towards no other degree.

84Gb. Language and Composition for Grammar Grades (H). 84Pb. Language for Primary Grades (H).

English

xa. Children's Literature (H). xb. Same, continued (H).

Natural Science

1xa. Natural Science (H). 1xb. Same, continued (H). 2xa. Nature Study (H). 2xb. Same, continued (H). 3xa. Geography (H). 3xb. Same, continued (H).

Hygiene and Health Education

3x. School Hygiene and Health Education (H).

Social Science

1xa. Problems of Citizenship (H). 1xb. North Carolina History (H).

ENGLISH

1. Freshman English (W). 3. Sophomore English (W). 4. Sophomore English (W). 6. Business English (H). 8a. Modern Drama (H). 8b. Same, continued (H). 9. The Contemporary American Short Story (H). 11a. The Teaching of Literature (H). 20. English of Commerce (W). 23. The Short Story (W). 31a. Dramatic Composition (H). 31b. Same, continued (H). 37. Shakespeare: The Comedies (W). 38. Shakespeare: The Tragedies (W). 59. American Literature (W). 66. The Nineteenth Century Novel (W). 75. Restoration and Eighteenth Century Drama (W).

FRENCH

3. Composition and Reading—Intermediate (W). 4. Composition and Reading (W). 5. Introduction to French Literature (W). 6. Modern French Literature (W).

GEOLOGY

1. Introduction to Geology (W). 21. Industrial and Commercial Geography (W). 22. Industrial and Commercial Geography (W).

GERMAN

3. Intermediate Course (W). 4. Intermediate Course (W). 21. Advanced German (W).

GOVERNMENT

1. Comparative Government, Part I (W). 2. Comparative Government, Part II (W).

HISTORY

1. Foundations of Modern History, Part I (W). 2. Foundations of Modern History, Part II (W). 3 English History, Part I (W). 4. English History, Part II (W). 7a. American History (H). 7b. Same, continued (H). 8a. American History (H). 8b. Same, continued (H).

LATIN

1x. Reading in Roman Literature (W). 3. Latin Poetry (W). 8. Latin Composition (W).

MATHEMATICS

1. Mathematical Analysis I, Part I (W). 2. Mathematical Analysis II, Part II (W). 3. College Algebra (W). 4. Trigonometry (W).

MUSIC

1a. Theory of Music (H). 1b. Same, continued (H). 10 History of Music, Part I (H). 11. History of Music, Part II (H). 20. Harmony (H). 21. Harmony (H). 22. Harmony (H). 23. Instrumentation, Part I (H). 24. Instrumentation, Part II (H).

PSYCHOLOGY

1x. General Psychology (W). 2x. General Psychology (W).

RURAL SOCIAL ECONOMICS

1. Rural Economics (W). 3. History of Agriculture (W). 5. Rural Sociology (W). 15. The Rural County and Its Institutions (W). 20. North Carolina: Economic and Social (W).

SOCIOLOGY

1. Introduction to Sociology (W). 4a. Educational Sociology (H). 4b. Same, continued (H). 5. The Negro (W). 8. Community Organization (H). 10a. The Study of Social Problems (H). 10b. Same, continued (H). 11a. The Family (H). 11b. The Family (H). 12. Crime and Its Social Treatment (W). 16a. Social Work and Public Welfare (H). 16b. Same, continued (H). 23. The Theory of Play and Recreation (H). 24. The Practice of Play and Recreation (H). 25. Extra-Curriculum Activities in the School Community (H).

SPANISH

3. Composition and Reading (W). 4. Composition and Reading (W). 5. Introduction to Spanish Literature (W). 6. Modern Spanish Literature (W).

EXTENSION LIBRARY SERVICE

The aim of the Extension Library Service is to encourage discussion of current political, social, and economic problems, as well as to assist in the study of good literature. Reference material is supplied for such study.

One section renders assistance with programs and reference material, usually of a literary nature, to women's clubs and study groups, for which service a small charge is made. Another section renders assistance to schools, both to students and teachers, as well as to other individuals not organized in group study. This material is usually on current problems of a political, social, or economic nature. Some recent outlines for individual and group study are:

Vol. VIII, No. 9. Contemporary Spanish Literature in English Translation. Agatha Boyd Adams and Nicholson B. Adams. Price 50 cents.
Vol. VIII, No. 11. A Study of South America. W. W. Pierson, Jr., and C. S. Love. Price 50 cents.
Vol IX, No. 2. A Study of American Art and Southern Artists of Note. Mary deB. Graves. Price 50 cents.
Vol. IX, No. 6. Folklore. Ralph Steele Boggs. Price 50 cents.
Vol. IX, No. 7. The French Novel in English Translation. U. T. Holmes, Jr. Price 50 cents.

BUREAU OF LECTURES, SHORT COURSES, AND RADIO

The University conducts a lecture bureau for the purpose of aiding schools, civic clubs, and other organizations in obtaining

speakers. Addresses for special occasions, such as school and college commencements, are also arranged upon application.

No fee for lecture service is charged, but the traveling and incidental expenses of the lecturer are defrayed by the organization for which the lecture is made.

The Division publishes a bulletin containing full information as to subjects and lectures.

From time to time the University has held at Chapel Hill short courses or institutes for various organizations and groups. These consist in an intensive training program or course ranging in duration from one day to two weeks. The program is composed of a specialized series of lectures, discussions, and demonstrations directed by leading speakers and teachers secured from the faculty of the University and from the State and nation. Short courses have been offered to high school athletic directors, welfare workers, parents, secretaries of chambers of commerce, police officers, realtors, and members of the state press association.

In addition to those mentioned above, the University Extension Division will be glad to aid other organizations or groups in arranging for a short course, institute, special meeting, or convention.

Individual lectures and lecture courses by members of the faculty and entertainment programs by University musical and dramatic organizations are broadcast each year through the courtesy of station WPTF, Raleigh.

BUREAU OF COMMUNITY DRAMA

The services of the Bureau of Community Drama are available to all schools, colleges, and communities throughout the State of North Carolina. Suggestions and advice on play production, and aid in solving any particular problem of the director of dramatics may be obtained from this bureau.

Assistance is given in organizing, in play selection, in the designing and making of scenery, in costuming, and in make-up and lighting. Arrangements may be made for assistance in the direction of a chosen play.

The bureau has at its disposal more than two thousand volumes of play books, books on acting, play production, little theatre organization, play writing, stagecraft, lighting, costuming, make-up, etc. These are loaned upon payment of the postage and packing charges.

By giving practical assistance to those interested in writing and producing plays, the bureau is seeking to promote and encourage dramatic art in the schools and communities of North Carolina, and to stimulate interest in the writing of native drama.

BUREAU OF COMMERCIAL AND INDUSTRIAL RELATIONS

This bureau is under the supervision of the School of Commerce of the University. The members of the staff cooperate with the manufacturing, banking, and commercial interests of the State in the solution of any problems brought to their attention. Laboratories, statistical information, research methods, interpretative devices, and expert opinion are available for use by any worthy individual or organization. Problems may be submitted for study and opinion, or arrangements may be made for a member of the staff to visit the establishment or community for first-hand observation and study. Extension courses in accounting and allied subjects are offered.

BUREAU OF COMMUNITY MUSIC

The Department of Music offers the following services: (1) Leadership for community sings; (2) formation of community choruses; (3) lectures on public school and community music; (4) piano and organ recitals; (5) advisory service to schools.

BUREAU OF MUNICIPAL AND COUNTY GOVERNMENT RESEARCH AND INFORMATION

This bureau answers specific inquiries with reference to legislation, charters, and other matters covering city, town, and county government. Through the Library Extension Service bibliographies, reading lists, and books on municipal subjects are loaned. The bureau also undertakes to advise town and city officials concerning their problems, and to direct them to sources of assistance.

BUREAU OF ECONOMIC AND SOCIAL SURVEYS

Before a definite movement is inaugurated to upbuild a county or community from an economic and social standpoint it is necessary to have at hand an accurate summary of existing facts. What is known as the "social survey" is the best method of securing such facts.

For years the Department of Rural Social-Economics of the University has been collecting data on social and economic conditions in North Carolina. This material is available through loans from the library, articles in the *University News Letter*, and bulletins which record the results of a number of county economic and social surveys. The *University News Letter*, which is edited by this department, appears twenty-five times each year.

BUREAU OF RECREATION

This bureau offers service in public recreation and leisure time problems through the School of Public Welfare. Bibliographies and reading lists on the subjects of sociology, community organization, etc., are provided upon request.

BUREAU OF HIGH SCHOOL DEBATING AND ATHLETICS

The University Extension Division, through this bureau, offers service to the high schools of the State by means of contests in debating, athletics, and in academic subjects.

The High School Debating Union of North Carolina is the medium through which assistance in debate is offered. This organization was established in 1912-1913. Approximately two hundred high schools, grouped in triangles, discuss some important question each year. The schools winning both debates send their teams to the University to compete during High School Week in the final contest for the Aycock Memorial Cup.

The High School Athletic Association of North Carolina is the agency through which assistance in athletics is offered. This association conducts State high school contests in football, basketball, baseball, track, soccer, and tennis. The high schools compete in groups for the honor of representing the eastern and western sections of the State, and the teams winning the sectional contests meet at Chapel Hill in the finals. There are 324 members of this association.

The high school contests in academic subjects are conducted jointly by this bureau and by the University departments concerned. High school contests are conducted in Latin, Spanish, French, and mathematics. High school newspaper, magazine, and essay contests are conducted also.

BUREAU OF EDUCATIONAL INFORMATION AND ASSISTANCE

The bureau is maintained through the cooperation of the School of Education. The several members of the faculty of the School offer to the State the following lines of service: educational tests and measurements; school surveys; teachers' appointments; advice and counsel with reference to school buildings, equipment, and general administrative problems.

OTHER SERVICES

General adult education programs.
Postgraduate medical courses.
Extension courses for dentists.
Educational tours (summer).
Parent-teacher association activities.
Alumni Book Club.
Publications of interest to North Carolinians.

PART FIVE

THE SCHOOL OF LAW
THE SCHOOL OF MEDICINE
THE SCHOOL OF PHARMACY

THE SCHOOL OF LAW

FRANK PORTER GRAHAM, M.A., *President.*
CHARLES TILFORD MCCORMICK, A.B., LL.B., *Dean.*

*THE ADMINISTRATIVE BOARD

HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology.*
ROBERT DIGGES WIMBERLY CONNOR, Ph.B., *Kenan Professor of History and Government.*
DUDLEY DEWITT CARROLL, M.A., *Professor of Economics.*
ATWELL CAMPBELL MCINTOSH, A.M., LL.D., *Professor of Law.*
ROBERT HASLEY WETTACH, A.M., LL.B., S.J.D., *Professor of Law.*
MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law.*

SPECIAL STAFF

ATWELL CAMPBELL MCINTOSH, A.M., LL.D., *Professor of Law.*
PATRICK HENRY WINSTON, *Professor of Law.*
ROBERT HASLEY WETTACH, A.M., LL.B., S.J.D., *Professor of Law.*
CHARLES TILFORD MCCORMICK, A.B., LL.B., *Professor of Law.*
ALBERT COATES, A.B., LL.B., *Professor of Law.*
MILLARD SHERIDAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*
MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law.*
FREDERICK BAYS MCCALL, A.B., LL.B., *Associate Professor of Law.*

GENERAL STATEMENT

History.—The law school, which developed into the School of Law of the University, was founded in 1843 at Chapel Hill as a private school by William H. Battle, then a judge of the Superior Court, later a justice of the Supreme Court of the State. In 1845 Judge Battle was made Professor of Law in the University, and

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

it was provided that the degree of Bachelor of Laws should be conferred on those completing the prescribed two-year course. From the records of the University, however, it seems that few degrees were actually conferred. For a long time the school maintained a certain independence of the University. The Professor of Law received no salary, though he enjoyed the fees from his classes, and the students were not entirely subject to the discipline of the University.

This was the position of the school from its formation until 1899, a period which covered the professorship of Judge Battle who retired in 1879, two years when the law classes were conducted by Hon. Kemp P. Battle, then President of the University, and the professorship of Dr. John Manning, elected 1881, died 1899. In 1899 the school was completely incorporated into the University, with the late Judge James C. MacRae, previously a justice of the Supreme Court of North Carolina, as the first Dean of the Law School.

Approved by the American Bar Association.—The American Bar Association has fixed certain standards which, in its opinion, should be observed by law schools in the preparation of applicants for admission to the practice of law, and the schools, conforming to the standards are classed as "approved law schools." Such schools require at least two years of college study for entrance followed by a three year course for full time, and a longer course for part time students, and must have a sufficient number of teachers devoting their entire time to the school and an adequate library for the use of its students.

The University of North Carolina School of Law has complied with these requirements and is one of sixty-five schools classed as "approved law schools."

Member of the Association of American Law Schools.—The School of Law is a member of the Association of American Law Schools, an association composed of sixty-two of the leading law schools in the United States, and including the law schools of such Universities as Harvard, Yale, Cornell, and Chicago. The object of this association is to improve legal education in America, and member schools are required to maintain certain high standards relating to entrance requirements, faculty, library, and curriculum.

Registered Under New York Regents Rules.—A carefully compiled list of approved law schools, whose credits are acceptable as evidence of due preparation for the New York Bar Examinations, is published by the University of the State of New York. The School of Law is accredited in this list for the full three years' work.

REQUIREMENTS FOR ADMISSION

The Dean of Admissions passes upon all applications for admission, and all inquiries as to eligibility to enter should be addressed to him. Those who intend to enter must furnish to this officer (a) a certificate

of successful vaccination against smallpox, and (b) a certificate showing the completion of a four years' high school course of fifteen units and the completion of not less than two years of college work (see below), which must be approved as satisfactory. These certificates should be sent by mail to the Dean of Admissions at least two weeks before registration day, if possible.

The academic requirements for admission to the School of Law may be satisfied by:

(1) An *academic degree* from the University of North Carolina or any other standard college or university approved by the Dean of Admissions.

(2) *Three years* of academic work prescribed in the "Combined Course in Arts and Law" or in "Commerce and Law" as described below.

(3) *The first two years complete* of the regular work prescribed for a degree (a) in the College of Liberal Arts, the School of Commerce, or the School of Education in this University or (b) in a similar curriculum in some other standard college or university.

(4) *The two-year pre-law curriculum, in the College of Liberal Arts. This is strongly recommended by the law faculty as the work best adapted for those devoting only two years to college work.* It is as follows:

FIRST YEAR	SECOND YEAR
English 1abc	Two courses of English 21, 22, 52 in the discretion of the Dean of the College.
Mathematics 2-1	Government 21, and one from 22, 121, or 154.
History 1-2-3	Economics 31-32
Two courses in a natural science	History 45-46 (English) or 47-48 (American) or Psychology 21-22.
*Two courses in a foreign language (French, Latin, German or Spanish)	Another course in the same foreign language

Special Students

A limited number of special students, not candidates for a degree, with less than the required two years of academic training may be admitted. They must be at least twenty-three years of age and must furnish evidence to satisfy the law faculty that their experience and training have specially equipped them to engage successfully in the study of law despite the lack of the required college credits. The number of such special students admitted each year may not exceed ten per cent of the average number of students admitted by the school as beginning regular law students during the two preceding years.

* The total requirement in foreign language is three courses of collegiate grade based upon at least two units completed in high school or the equivalent in the elementary courses taken here.

Admission to Advanced Standing

A student from another school of law, in which the requirements for admission are at least as high as in this school, may be admitted to advanced standing for the degree of LL.B. As a rule no more than one year's work will be so credited without residence, but with the consent of the law faculty two years' work may be credited in exceptional cases, provided the last year of work for the law degree is done in residence. A student seeking admission to advanced standing must present satisfactory evidence that the work taken in another school is substantially equivalent to that given in the corresponding year here, both in the character of the work covered and in the amount of time devoted to each subject.

EXPENSES

See pages 61-64.

DEGREES

The Degree of LL.B.

The degree of Bachelor of Laws (LL.B.) is conferred upon a regular student who has studied law for a period of at least three academic years and passed satisfactory examinations on all required subjects and enough elective subjects to make up an aggregate of seventy-eight semester hours. Two long sessions and three summer sessions of at least ten weeks each are regarded as a compliance with the residence requirement.

The Degrees of A.B. and LL.B.

The University offers a combined course in the College of Liberal Arts and in the School of Law by completing which students may receive the two degrees of A.B. and LL.B. in six years instead of the seven years required for the two degrees in the regular course.

Upon the completion of the courses in the College of Liberal Arts outlined below, *before matriculation in the School of Law*, and the satisfactory completion of the first year of Law, students may receive the degree of A.B., and upon the completion of the third year of Law, the degree of LL.B.

Prescribed courses in the College of Liberal Arts for the two degrees of A.B. and LL.B.:

FIRST YEAR		SECOND YEAR		THIRD YEAR
Eng. 1abc		Eng. 21-22		Econ. 31-32
Math 2-1		Hist. 45-46 or 47-48		Psychology 21-22 (if not already taken)
Hist. 1-2-3				†English 47 and one other course.
Select two	Greek 3-4 French 3-4 German 3-4 *Latin 1-2 Spanish 3-4	Select two	*Latin 11, 22 Greek 21 French 21 German 21 Spanish 21	‡Hist. and Govt.—2 courses
		Select one	Botany 41, 43 Chem. 1-2 Physics 21-22 Zoölogy 41, 42 Botany 41 and Zoölogy 41 Geology 11-12 Psychology 21-22	*One Elective (or as many as needed to complete twenty-seven courses)

The foregoing academic curriculum requires at least *three* courses in each of *two* foreign languages. Instead of this requirement the student is allowed the option of completing *five* courses in one such foreign language. In case this option is taken, it is advisable that the courses in science shown in the second year be taken in the first year, and that Economics 1-2 be shifted similarly from the third year to the second year. This arrangement necessitates also some obvious changes in the electives.

The School of Law suggests the courses named below as suitable electives in this course, but choice is not restricted to these. English 52, 53, 54; Psychology 138 (Legal Psychology), 140; History 161, 162; Economics 81, 82, 195; Sociology 42, 192.

The A.B. degree, on this basis, is conferred at the end of the fourth year (first year in Law) provided the student has satisfactorily passed all the work of the first year of Law.

The Degrees of S.B. in Commerce and LL.B.

The University offers a combined course which leads to the degree of S.B. in Commerce at the end of four years and LL.B. at the end of six years.

The first three years of this combined course are in the School of Commerce and are devoted to the subjects outlined below. The last three years are in the School of Law and are devoted to the courses prescribed for the LL.B. degree.

The degree of S.B. in Commerce, on this basis, is conferred at the end of the fourth year (first year in Law) provided the student has satisfactorily passed all the work of the first year of Law.

* Latin 1, 2, 11, 22 are to be taken by students who have presented only two units for entrance. In case the student is required to pursue only Latin 11, 22 or 2, 11, 22, the number of electives is increased to make up the difference. In every case 27 courses of college grade must be completed.

† The School of Law recommends that the optional course chosen be Advanced Composition, Eng. 52.

‡ The School of Law recommends that the courses in History and Government be courses in English and American History or Government.

Prescribed courses in the School of Commerce are as follows:

FIRST YEAR

English 1abc
Mathematics 2-1
History 1-2-3
*Modern Language: two courses
Geology 5
Economics 11

SECOND YEAR

Economics 31-32
English 21-22
*Modern Language: one course
Government 21
Natural Science: two courses
†Economics 35 or History 167
English 52 or English 47

THIRD YEAR

Psychology 21-22 or Education 31 and 71
Economics 81-82
Commerce 71-72
Commerce 51
Economics 191 or
Economics 195
Two courses chosen from the courses offered by the Department of Economics and Commerce

The Degrees of J.D.

The degree of Doctor of Law (J.D.) will be conferred upon students who comply with all the following conditions:

1. Complete the work requisite for the A.B. degree or its equivalent before entrance upon the work of the School of Law.
2. Study law for a period of at least three academic years.
3. Obtain an average grade of B on all required subjects and enough elective subjects to make up an aggregate of seventy-eight semester hours.
4. Prepare and have accepted for publication in *The Law Review* an article of at least ten pages, or case notes which in the aggregate shall be at least eight pages in length.

The Degree With Honors

The degree with honors will be conferred, upon recommendation of the faculty, upon students selected from the highest one-tenth of the graduating class.

EXAMINATIONS, GRADES, ELIMINATION, ABSENCES

EXAMINATIONS. Preliminary hour examinations are held in each course in November, and also at the end of the first semester hour examinations are given in all courses running through the year. Individual research assignments may be substituted for preliminary examinations. Final examinations are held at the end of the first semester in the subjects which are then completed, and at the close of the year in all other subjects.

GRADES. The grading of students will be indicated by the letters A, B, C, D, and F, representing respectively excellent, good, satis-

* The total requirement in modern language is three courses of collegiate grade based upon 2 units completed in high school or the equivalent in the elementary courses taken here.

† If History 167 is selected, it may not be taken until the junior year. In this case Psychology 21-22 or Education 31 and 71 should be taken in the sophomore year.

factory, fair, and failed. A student receiving the grade of F (failed) in any subject will be required to repeat the course. Full credit may not be secured for more than ten semester hours of D grade work in one long session nor for D grade work in more than one-half the hours taken in a summer session. D grade work in excess of these amounts will carry only one-half the usual credit towards a degree.

ELIMINATION OF STUDENTS. A student must obtain a grade of D or better in at least two-thirds of the total number of semester hours for which he registers, and any student who fails to do so shall thereby automatically be excluded from further work in the school. Likewise, the faculty may drop from the school at any time a student who, in their judgment, is not making sufficient progress to warrant his continuing in the school.

Any instructor, with the concurrence of the Dean, may drop a student from a course at any time, for unsatisfactory work, poor attendance, or other good cause.

REDUCED CREDIT FOR ABSENCES. If a student has as many as sixteen absences during a semester, one-fourth of a semester hour shall be deducted from the total credit allowed for the semester, and for each additional four absences during the semester an additional deduction of one-fourth of a semester hour shall be made.

NUMBER OF HOURS OF WORK REQUIRED AND PERMITTED

The normal amount of work is thirteen or fourteen class hours a week. Not more than fifteen hours of law work may be taken, nor, if academic work is being taken at the same time, may more than twelve hours of law be taken with one academic course.

No student taking fewer than ten hours weekly will be considered as studying law within the rules of the Supreme Court which requires of applicants for license to practise in North Carolina two years of study of law as a necessary preliminary.

DIVISION OF ACADEMIC YEAR: DATES

Work in the School is divided into two semesters instead of into three quarters. The first semester begins at the same time as the fall quarter of the College of Liberal Arts, and ends on the last Saturday in January. The second semester begins on Monday after the last Saturday in January and ends at the same time as the third quarter of the College of Liberal Arts. The first day of each semester is Registration Day. The fee for late registration in either semester is $5.00.

METHOD OF INSTRUCTION

In its teaching the School of Law has adopted the method used in the leading schools in this country. This is called the "case-method" because the starting-point is the statement in class by

the students of the results of their independent analysis of actual decisions. These are selected so as to reveal the fundamental principles of a given subject, as they have been developed in the settlement of actual human controversies. The cases thus stated are the basis for an active discussion by the class, under the guidance of the instructor, of the practical applications of the doctrines so revealed. This is supplemented by assigned readings in the State and Federal statutes, and in standard textbooks and periodicals. During the fifty years during which this method has gradually won acceptance in practically all the standard schools, experience has shown that it gives training in the analysis of the actual problems that are presented to a lawyer and promotes accuracy of thought, readiness of statement, and a vivid and retentive perception of legal principles more completely than the methods previously in vogue in which the student played the passive part of accepting the law as handed down in lectures.

STUDENTS FROM OTHER STATES

While greater emphasis is placed upon North Carolina decisions and statutes than upon those of the other states, the legal doctrines are studied as part of the Anglo-American common law system and the case-books used are selections of cases taken from all the common law jurisdictions. Students from other states are encouraged to investigate the decisions and statutes of their own states in regard to the questions discussed, and the law library provides the materials necessary for such investigation. The law course as a whole is designed to prepare the student in the fundamentals of the common law in such a manner as to fit him for practice in any state.

AIM OF THE SCHOOL

The aim of the school is to develop competent lawyers and not merely to prepare students for the bar examination, though our graduates have been consistently successful in passing the examinations in this and other states. The course extends over three years, and subjects are offered in what seems the most advantageous sequence. Students are required to follow the order of the curriculum and one who stops before completing it will not have a comprehensive or adequate legal education.

SUBJECTS OF INSTRUCTION

Certain subjects offered in the School of Law are approved by the Graduate School as minors for advanced degrees.

All subjects in the first year are prescribed. Those in the second and third year are elective, but second-year students may not elect third-year subjects except by permission of the Dean.

First Year

CONTRACTS

The formation, construction, operation, and performance of contractual obligations, including offer and acceptance, consideration, seals, the Statute of Frauds, conditions, discharge, third party beneficiaries, assignments, joint contracts, and effect of illegality. Corbin's *Cases on Contracts. Three hours a week, both semesters.* Professor Van Hecke.

TORTS

Principles of tort liability as developed in the action of trespass; justification and excuse; negligence as a basis of liability; common law and statutory duties of care; legal cause; contributory negligence; absolute liability; deceit; defamation; malicious prosecution and abuse of process; interference with social and business relations. Bohlen's *Cases on Torts* (2d ed.). *Four hours a week, first semester; two hours a week, second semester.* Professor Wettach.

PROCEDURE I

This is an introductory course on procedure at common law. Its purpose is to acquaint the student with the court system and to give him an elementary view of methods of trial and appeal, with a fairly detailed study of the forms of action and fundamental principles of pleading. Cook and Hinton, *Cases on Common Law Pleading*, and Morgan's *Introduction to the Study of Law. Three hours a week, first semester.* Professor McCall.

PERSONAL PROPERTY

The nature of possession; rights based upon possession, tenants, bailees, finders. Acquisition of title to chattels without the consent of the owner, *bona fide* purchase, limitations, accession, tortious confusion. Gifts *inter vivos*. Distinction between sale and bailment. Liens and pledges. Conversion. Edward Warren's *Cases on Property. Three hours a week, first semester.* Professor McCormick.

LEGAL BIBLIOGRAPHY

A practical course in the use of law books. The briefing of cases in preparation for arguments in the law clubs constitutes part of the work of the course. The problems assigned require the student to familiarize himself with the method of finding authorities upon concrete fact situations, through the use of digests, encyclopedias, textbooks, annotated cases, and constitutional and statutory sources. *One hour a week, first semester.* Professor Van Hecke.

READING COURSE

Described on page 283. *One hour a week, first semester.* Faculty of the School.

AGENCY

Distinction between agency and other legal relationships. Express, implied, and apparent authority of agent; liability of disclosed and undisclosed principal to third party in contract and in tort; liability of agent to third party and of third party to principal and agent; ratification of unauthorized acts; termination of agency Assigned problems will also be given in the law of Workmen's Compensation. Mechem's *Cases on Agency* (2d ed.). *Three hours a week, second semester.* Professor Breckenridge.

CRIMINAL LAW

Introduction: the problem of criminal justice. The history of criminal procedure, nature and elements of a crime, act and intention. Attempts, jurisdiction, consent, recrimination and condonation, culpability as affected

by necessity, duress, coverture, infancy, insanity, etc. Justification and excuse: self defense. Parties. Criminal conspiracy. Former jeopardy. Specific crimes: homicide, rape, assault, larceny, embezzlement, false pretenses, receiving stolen property, robbery, burglary, arson, forgery, perjury. Sayre's *Cases on Criminal Law. Four hours a week, second semester.* Professor Coates.

CARRIERS

The history and development of the obligations of carriers and other public servants; the nature of the undertakings of carriers of passengers and freight; limitation of liability; connecting carriers; charges and liens. Beale's *Cases on Carriers* (2d ed.). *Three hours a week, second semester.* Professor McIntosh.

REAL PROPERTY

Tenure, estates, joint and common ownership, reversions and remainders. Seisin and disseisin. Common law methods of creating and transferring estates. Rents. The statute of uses. Rights in the land itself and in air and water, incident to ownership. Fixtures. Emblements. Waste. Profits, easements, and covenants. Edward Warren's *Cases on Property. Three hours a week, second semester.* Professor McCall.

Courses Open to Second and Third Year Students

CODE PLEADING

The course is designed to cover the proceedings in an action under the code system, with the exception of the actual trial. It covers the commencement of actions, special proceedings and provisional remedies, pleading, judgments and their enforcement, appeal and error. Hinton's *Cases on Code Pleading* (2d ed.), and assigned readings. *Four hours a week, first semester.* Professor McIntosh.

MUNICIPAL CORPORATIONS

Origin and history of municipal corporations; municipal officers; municipal legislation: powers of municipalities; revenue; indebtedness; contracts; property rights; municipal liability for injuries. Tooke's *Cases on Municipal Corporations. Four hours a week, second semester.* Professor Coates.

NEGOTIABLE INSTRUMENTS

Form and content of checks, drafts, notes, and trade acceptances; their rise in the business and banking fields, negotiability, acceptance and certification; rights of holders in due course and liability of parties; clearance and collection of checks, presentment, notice of dishonor; the provisions of the Negotiable Instruments Law. Britton's *Cases on Bills and Notes. Four hours a week, first semester.* Professor Breckenridge.

SURETYSHIP

The law of suretyship and guaranty, especially with reference to modern developments in connection with corporations acting as surety. Arant's *Cases on Suretyship. Two hours a week, first semester.* Professor Winston.

REAL PROPERTY II

Possessory titles. Prescription. Accretion. Mode of conveyance at common law, under the statute of uses and under modern statutes. Execution of deeds. The property conveyed. Creation of easements by implication. A brief review of estates created. Covenants for title. Estoppel by deed. Priorities. Aigler's *Cases on Titles. Four hours a week, first semester.* Professor McCall.

INSURANCE

A study of the history and fundamental principles of marine, fire, and life insurance. Special attention is given to the standard fire insurance policy and to preparation for insurance business and practice. Woodruff's *Cases on Insurance* (2d ed.). *Three hours a week, first semester.* Professor Winston.

CRIMINAL PROCEDURE

Criminal Jurisdiction, Venue, Arrest, Preliminary Examination, Bail, Methods of Prosecution, Grand Jury, Indictment and Information, Trial, Appeal. Keedy, *Cases on the Administration of Criminal Law;* and The American Law Institute's *Code of Criminal Procedure. Two hours a week, first semester.* Professor Coates.

ADMINISTRATION OF JUSTICE

A seminar course, meeting once each month, for the discussion of present-day problems in judicial administration. Among the problems to be considered are: the unification of courts; functioning of incorporated bars; selection, tenure, and compensation of judges; modification of the jury system; arbitration and conciliation; control of procedure by (a) legislatures, (b) courts, and (c) judicial conferences; uniform systems of judicial reports and statistics. Each member of the faculty will be responsible for supervising investigation of one of these subjects by a group of students and will have charge of one of the monthly meetings. *One hour a week, both semesters.* Entire faculty of school.

BANKRUPTCY

Jurisdiction of courts of bankruptcy over subject-matter and persons. Prerequisites to adjudication—insolvency and preferences. Administration of bankrupt estates: provable claims; receivers and trustees; exemptions. Compositions. Discharge. Holbrook and Aigler's *Cases on Bankruptcy* (2d ed.). *Two hours a week, first semester.* Professor McIntosh.

SALES

Subject-matter of sale; executory and executed sales; bills of lading; stoppage *in transitu;* overdue paper; fraud; factors' acts; warranty and remedies for breach of warranty. Woodward, *Cases on Sales* (2d ed.). *Four hours a week, second semester.* Professor McCall.

EQUITY II

The relations between legal and equitable remedies, historically and under modern codes; the subject-matter of equitable relief, and the enforcement of equitable decrees, with particular reference to injunctions against torts and crimes and the specific performance of contracts. Durfee's *Cases on Equity. Four hours a week, second semester.* Professor Van Hecke.

WILLS

The substantive and adjective law of wills, including descent and the administration of estates. Costigan's *Cases on Wills. Three hours a week, second semester.* Professor Winston.

DAMAGES

Nominal and exemplary damages. Compensatory damages: direct and consequential damages, avoidable consequences and mitigation. Certainty. Liquidated damages. Value. Interest, expenses, and counsel fees. Damages in particular types of actions. Crane's *Cases on Damages. Two hours a week, second semester.* Professor McCormick.

MORTGAGES

The nature of a mortgage; equitable mortgages; restrictions on redemption; priorities; transfers of mortgagee's and mortgagor's interests; subrogation; marshalling assets; foreclosure; the Uniform Mortgage Act. Parks's *Cases on Mortgages. Three hours a week, second semester.* Professor Winston.

ADMINISTRATIVE LAW

The law of administrative agencies, both state and federal, such as the county commissioners, corporation commission, interstate commerce commission, etc. Freund's *Cases on Administrative Law* (2d ed.). *Two hours a week, second semester.* Professor Coates.

TRIAL PROCEDURE

Process. Judgments by default. Continuances. Conduct of the trial. Selection of the jury, introduction of evidence, demurrers to the evidence, directed verdicts and nonsuits, argument, instructions, verdicts. Trial by the court. New trials; bills of exceptions. Hinton's *Cases on Trial Practice. Three hours a week, second semester.* Professor McIntosh.

Courses Open to Third Year Students Only

FEDERAL PROCEDURE

Nature, sources, and extent of the Federal Judicial power; State laws as rules of decisions; the Conformity Act; distinctions between law and equity; District Courts; Removal of Causes; Jurisdiction of Circuit Courts of Appeals and Supreme Court. Medina's *Cases on Federal Jurisdiction and Procedure. Two hours a week, second semester.* Professor McIntosh.

PARTNERSHIP

A complete study of the law of partnership in all its branches, including the limited partnership. Gilmore's *Cases on Partnership. Three hours a week, first semester.* Professor Winston.

CONSTITUTIONAL LAW

Judicial function of giving effect to constitutions. The national state and its governmental organization. Citizenship, national and state. Separation and delegation of governmental powers. Equal protection of the laws. Administrative officers and boards. Power of eminent domain. Retroactive laws. Regulation of commerce. Taxation: federal and state. Corporations, especially foreign. The treaty power. McGovney's *Cases on Constitutional Law. Two hours a week, both semesters.* Professor Wettach.

TRUSTS

The historical development of the trust; the settlor; the creation of the trust relation; the cestui que trust; the trustee; the subject-matter of the trust; the administration of the trust; creditors' rights; tracing, preference and priorities; modification and termination. Costigan's *Cases on Trusts*, and assigned problems. *Three hours a week, first semester.* Professor Van Hecke.

TRIAL AND OFFICE PRACTICE

Described on page 285. Assigned readings, records, and other material. *Two hours a week, second semester.* Professor McIntosh.

EVIDENCE

Judicial notice. Presumptions and burden of proof. Functions of court and jury. Witnesses: examination, competency, and privilege. Rules of exclusion: evidence illegally obtained; the Hearsay Rule and its exceptions. Rules as to writings: evidence of authenticity; Best Evidence rule; Parole Evidence rule.

Opinion evidence. Remote and prejudicial evidence. Character and reputation. Separate credit may be secured for first semester. Thayer's *Cases in Evidence* (edited by Maguire). *Three hours a week, first semester; two hours a week, second semester.* Professor McCormick.

CONFLICT OF LAWS

This course treats of the principles of international private law; jurisdiction, particularly in connection with the effect of foreign judgments; the applicability of rules derived from foreign or extra-state law in respect to procedure, torts, contracts, quasi-contracts, and domestic relations; and the creation, transfer, etc., of all forms of property. Lorenzen, *Cases on Conflict of Laws* (2d ed.). *Four hours a week, second semester.* Professor Wettach.

PUBLIC UTILITIES

What occupations are public callings at common law and under statutes; duty to supply adequate non-discriminatory service at reasonable rates; right to discontinue service; regulation of rates; commissions. Robinson's *Cases on Public Utilities. Three hours a week, first semester.* Professor Breckenridge.

CORPORATIONS

The nature of a corporation; promotion of corporations; corporate powers; corporate liability for torts and crimes; unauthorized corporate action, including doctrines of *de facto* corporations, and *ultra vires* acts; officers, stockholders, and creditors of corporations; reorganization of corporations. Warren, *Cases on Corporations* (2d ed.). *Four hours a week, second semester.* Professor Breckenridge.

LEGAL ETHICS

Required for the degree.

The History and organization of the legal profession in England and the United States. The lawyer's qualifications. The admission and discipline of lawyers. The ethical duties of lawyers to courts. Ethics of legal employment in general. Solicitation of legal business. The ethical duties of lawyers in criminal and civil cases. Pecuniary relations of lawyers and clients. Costigan's *Cases on Legal Ethics. One hour a week, second semester.* Professor McCormick.

READING COURSE

In addition to the regular classwork and collateral reading, it is the aim of the School to develop the habit among the students of frequent informal conferences with faculty members over the difficulties and problems which are encountered in their studies. It is believed that this personal contact between student and teacher, which is no longer possible in the larger schools, is of inestimable value and will foster some of the professional spirit that was engendered by the former association between lawyer and student in the days when legal instruction was secured in law offices. To this end a reading course has been introduced for first-year students. This course will consist solely of the reading of books designed to acquaint the student at the outset with some of the history, general ideas, outstanding personalities and rich literature of the law. The students will be divided into small groups, each of which will be assigned to a different professor as adviser, with whom individual

conferences on the readings will be held. A typical selection would be as follows:

(1) Morgan: *Introduction to the Study of Law.*
(2) Potter: *Introduction to English Legal History.*
(3) Legal Biography: Volume I, *Select Essays in Anglo-American Legal History,* "The Five Ages," p. 625, and "An American Law Student," p. 837; *Great American Lawyers,* any three of the following biographies, Wirt, Ellsworth, Choate, Story, Mason, Prentiss, Jeremiah Black, and Luther Martin; *History of North Carolina Supreme Court,* 177 N. C. 617.
(4) Pound: *The Spirit of the Common Law.*
(5) Pollock: *A First Book of Jurisprudence.*
(6) Hohfeld: *Fundamental Legal Conceptions* (introduction and first two essays)
(7) Cardozo: *The Nature of the Judicial Process.*
(8) Holmes: *Collected Legal Papers.*

¶THE SUMMER SCHOOL

The summer school in law offers opportunity for the students to supplement the work of the long session by taking additional courses, some of which are not given in the long session, or to shorten the period of study by completing the work for the law degree in two long sessions and three summer sessions. It has been the practice to secure distinguished judges and law teachers from other institutions as visiting professors in the summer school. Among these have been Chief Justice Walter P. Stacy and Associate Justices George W. Connor and W. J. Brogden of the Supreme Court of North Carolina; Dean A. L. Green, Northwestern University; Dean Young B. Smith, Columbia University; Dean J. L. Parks, University of Missouri; Professors Edmund M. Morgan, James M. Landis, and William McCurdy, Harvard University; Professor Wesley A. Sturges, Yale University; and Professor J. W. Madden, University of Pittsburgh.

THE LAW BUILDING

The School of Law occupies Manning Hall, named for the late Dr. John Manning, formerly a distinguished professor in the school. The building was erected in 1923, and besides being modern and commodious, is particularly notable for beauty of design.

THE LAW LIBRARY

The library is an extensive one of about 22,000 volumes. It includes the reports of the courts of last resort of all the states, either in official volumes or the National Reporter System, The United States Supreme Court Reports, The Federal Reporter, The New York Supplement, Illinois Appellate Reports, The English Reports Reprint, The Law Reports (English), the local Federal and English

¶ A bulletin announcing the courses to be given in the summer of 1931 is issued in the spring of that year.

Statutes, the codified laws of each state in the union, and a comprehensive selection of digests, encyclopedias, text-books, and law periodicals. The law library was substantially augmented recently by a gift from a former student of the School of $10,000 called the Lucius Polk McGehee Memorial Fund and used for the purchase of books for the library.

THE NORTH CAROLINA LAW REVIEW

The North Carolina Law Review, issued quarterly, is published by the School of Law. It is devoted to the discussion of general and local legal problems and new cases, especially those of interest to North Carolina lawyers. The notes on recent cases are prepared by the student editors, in consultation with faculty advisers. Selection of the student editors is made by the faculty on the basis of scholarship, and membership on the editorial board is the highest scholastic honor attainable by a law student before graduation.

THE LAW CLUBS AND LAW ASSOCIATIONS

The Law School Association is a voluntary association of students which, under the guidance of a faculty member—Professor Coates—promotes the activities of the law clubs, and endeavors to bring the students and the faculty of the Law School into a coöperating relationship with the members of the bench and bar. Law clubs are organized in each class and their members argue law questions upon agreed statements of fact before members of the faculty. From the winners in these arguments are selected those who will participate in the Final Argument. This is held before a court consisting of distinguished lawyers and judges.

TRIAL AND OFFICE PRACTICE

The course in trial and office practice is believed to be organized on lines which will make for the highest practical value to the student. Recently, Mr. C. L. Shuping of Greensboro generously gave the sum necessary to install in Manning Hall a complete trial court room, and similar assistance by Mr. W. M. Hendren of Winston-Salem and others made possible the installation of a large practice office, with necessary desks and files for the use of a class. In these quarters the practice class will carry on trial and office work. The office work consists chiefly in the drafting of contracts, deeds, leases, mortgages, wills, and corporation and partnership documents, the preparation and examination of abstracts of title, and the preparation of the forms used in judicial proceedings. This will be done under the guidance of the various members of the faculty teaching the respective substantive law subjects involved, with the active coöperation of leading members of the bar, who will furnish problems arising in their practice and will explain the exact ways in

which they were met. The trial work will be introduced by lectures upon judicial organization and procedure and on the preparation of a case for trial. This will be followed by the trial of cases. Stenographic reports of actual trials in State and Federal courts will be used as laboratory material. Plaintiff's testimony will be given to a plaintiff's counsel and defendant's testimony to a defendant's counsel, who will prepare their respective pleadings. Witnesses taken from the class will read the record and prepare and give evidence based upon the actual testimony. Counsel will prepare pleadings without having seen the actual pleadings and will try the case before a student jury, and a lawyer who participated in the court trial will preside and will thereafter criticize the pleadings, trial tactics, and arguments of the counsel on the law and facts. It is believed this will impart in a vivid way some knowledge of the *art*, as well as the law, of trials.

FACULTY RESEARCH ASSISTANTS

The faculty selects annually four assistants from the student body who conduct special research under the direction of the faculty. These assistants are chosen for outstanding proficiency demonstrated in their work as students in the School of Law.

The following students served as research assistants during the year 1929-1930: John H. Anderson, Walter Hoyle, H. B. Parker, and Allen Kendrick Smith; during 1930-1931: J. L. Chadbourn, H. L. Lobdell, Naomi Alexander, and Susie Sharp.

THE ORDER OF THE COIF

In twenty-eight of the leading law schools of this country, selected as conforming to very high standards, chapters have been established of the Order of the Coif. Membership is purely honorary and is awarded each year to those students of the senior class who throughout their law school career have attained the highest standing in their courses. Thus far it has been awarded to the following.

Class of 1927: Samuel Eldon Vest, Joseph Lapsley Cantwell, Jr., and William Harrison Abernathy.

Class of 1928: Charles Raper Jonas, Clarence Windley Hall, and Frank Bird Gummey II.

Class of 1929: Jefferson Barnes Fordham and Susie Marshall Sharp.

Class of 1930: John Huske Anderson, Jr., Alfred Waddell Gholson, Charles Francis Rouse, Allen Kendrick Smith.

PRIZES

THE HILL LAW REVIEW PRIZE, established by George Watts Hill, Esq., of the Durham Bar, is an award of fifty dollars to the student editor who makes the best total contribution to the *Law Review* during the school year.

The Callaghan Prize in Law. A copy of the Cyclopedic Law Dictionary is offered by Callaghan & Co., Law Publishers, to that member of the senior class each year who obtains the highest general average in his work for the year.

ADDITIONAL OPPORTUNITIES OF UNIVERSITY LIFE

Students in the Law School may be admitted without additional expense to the courses given in the Departments of Economics, English, Philosophy, and History in the College of Liberal Arts, subject to the rules stated as to the number of hours which a student may take, and subject to the approval of the Dean of the School of Law. A student taking such a course must satisfy the entrance requirements for the course selected.

Students of the School may become members of the Dialectic and Philanthropic Literary Societies, where they may take part in or witness debates and train themselves in parliamentary law.

As students of the University, they enjoy all the privileges of the University library, University gymnasium, and the organizations of the University generally, literary, social, and athletic.

For further information as to requirements for admission, or as to living conditions, address The Dean of Admissions, The University of North Carolina, Chapel Hill, N. C.

For information as to courses or other matters pertaining particularly to the Law School, address the Dean of the School of Law, The University of North Carolina, Chapel Hill, N. C.

THE SCHOOL OF MEDICINE

FRANK PORTER GRAHAM, M.A., *President.*
ISAAC HALL MANNING, M.D., *Dean.*

*THE ADMINISTRATIVE BOARD

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology.*
WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*
ROBERT ERVIN COKER, Ph.D., *Professor of Zoölogy.*
JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry.*
LOUIS ROUND WILSON, Ph.D., *Kenan Professor of Library Administration.*
THORNDIKE SAVILLE, C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*
DANIEL ALLAN MACPHERSON, Sc.M., Ph.D., *Associate Professor of Bacteriology.*

SPECIAL STAFF

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*
ISAAC HALL MANNING, M.D., *Professor of Physiology.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology.*
WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*
JOHN GROVER BEARD, Ph.G., Ph.M., *Professor of Pharmacy.*
ROBERT BAKER LAWSON, M.D., *Associate Professor of Applied Anatomy.*
DANIEL ALLAN MACPHERSON, Sc.M., Ph.D., *Associate Professor of Bacteriology.*
FREDERICK PHILLIPS BROOKS, Ph.D., *Associate Professor of Physiological Chemistry.*
GEORGE LUNSFORD CARRINGTON, M.D., *Instructor in Clinical Microscopy.*
GRANT LESTER DONNELLY, A.B. in Educ., *Research Assistant in Pharmacology.*
ROBERT EDWARD STONE, *Assistant in Anatomy.*

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

GENERAL STATEMENT

The School of Medicine was established in 1879 under the direction of Dr. Thomas W. Harris. A course in theoretical and practical medicine was offered under the preceptorial system, but the plan was found impracticable and was abandoned in 1886. In 1890, a more orderly and logical arrangement of the subjects in the medical course having developed, it became possible for an institution without clinical facilities to offer instruction in the pre-clinical subjects, and the school was reopened with Dr. Richard H. Whitehead as Dean and Professor of Anatomy. Under his guidance it soon won recognition for thoroughness of instruction and excellence in scholarship and has since continued without interruption to its growth. At first the course covered only one year, but in 1896, the medical course having been extended in the better class of schools to four years, a two-year course was inaugurated. In 1900 the School of Medicine was incorporated as an integral part of the University and was reorganized to meet the requirements of the first two years of the full four-year course leading to the degree of doctor of medicine. In 1902 it was expanded into a four-year school, and the clinical subjects of the third and fourth years were offered in Raleigh under the direction of Dr. Hubert A. Royster as Dean. After a few years of successful operation, this plan had to be abandoned for lack of financial support, and the clinical subjects were dropped. In 1908 the school was admitted to membership in the Association of American Medical Colleges, and is ranked in the class "A" group by the American Medical Association.

The subjects included in the four-year course in medicine are arranged into two main groups, the so-called laboratory and clinical groups, and two years of study are devoted to each. This natural division makes it possible for a student to pursue the laboratory subjects in one institution and the clinical subjects in another without loss of continuity and with no disadvantage. Students who have successfully completed the two-year course in the laboratory group of subjects offered here are prepared to begin the study of the clinical subjects and may be transferred, without examination and with full credit, into the third year of other American Medical Colleges of the highest rank.

The School of Medicine is located on the University campus in a laboratory building, Caldwell Hall, which is equipped to take care of classes of forty men in each of the two years. In addition to laboratories and lecture rooms, this building contains the medical section of the general University library, which for many years has been devoted chiefly to the building up of complete sets of those scientific journals which are concerned with the products of research in the fields covered by the laboratory courses taught in the school. See page 38.

The students of the Medical School are regularly enrolled in the University, enjoy all the privileges of University students, and are amenable to all general University regulations and to the special regulations of the Medical School.

REQUIREMENTS FOR ADMISSION

Admission to this School of Medicine requires preparation similar to that specified for admission to all grade A schools of medicine. The minimum requirements are shown on pages 58-59. The University recommends to each applicant that he prepare himself as fully as his age and resources permit. If possible he should first secure a bachelor's degree, either A.B. or S.B., before beginning his professional study. If this is impracticable, he may secure excellent preparation by completing the academic curriculum outlined on pages 197-198, or may secure the minimum requirements by completing the two years premedical courses suggested on pages 199-200.

Students are earnestly advised not to undertake the study of medicine with merely the minimum requirement of two years of college training. An increasing number of medical schools are requiring at least three years of college work as a prerequisite for transfer into the junior year.

It is to be noted that this school does not contract to admit all students who have completed the three years of academic work prescribed as part of the requirement for the degree of Bachelor of Science in Medicine and outlined on pages 197-198, nor will the University confer such degree upon a student who completes at another institution the prescribed two years of medical work. To those who complete here both the academic and the first two years of medical work there is given the opportunity to obtain a bachelor's degree and the degree of M.D. in seven years.

EXPENSES

See pages 61-64.

SPECIAL NOTICE

An applicant notified of his acceptance must deposit with the Cashier of the University, not later than June 15, a deposit of $50.00; otherwise the acceptance will be withdrawn. If the applicant presents himself for registration and remains in the school during the first quarter, the deposit will be accredited to his account; otherwise the deposit will be forfeited.

SCHOLARSHIP

THE WOOD SCHOLARSHIP. (Established in 1895.) Mrs. Mary Sprunt Wood, of Wilmington, has founded a scholarship in memory of her husband, the late Dr. Thomas Fanning Wood.

THE MEDICAL COURSE

The medical course covers two years of thirty-three weeks each, divided into three periods, or quarters, of approximately equal length.

First Year

BIOLOGICAL CHEMISTRY: Nine hours a week, winter quarter.

HISTOLOGY: Six hours a week, fall quarter; nine hours a week, winter quarter.

GROSS ANATOMY: Twenty-one hours a week, fall quarter; eighteen hours a week, winter quarter.

NEURO-ANATOMY: Twelve hours a week, spring quarter.

EMBRYOLOGY: Three hours a week, fall quarter; six hours a week, spring quarter.

BACTERIOLOGY: Fifteen hours a week, spring quarter.

MATERIA MEDICA: Five hours a week, fall quarter.

Second Year

BIOLOGICAL CHEMISTRY: Six hours a week, fall quarter.

PHYSIOLOGY: Twelve hours a week, fall quarter; twelve hours a week, winter quarter.

IMMUNOLOGY: Nine hours a week, fall quarter.

PATHOLOGY: Six hours a week, fall quarter; eight hours a week, winter quarter; twelve hours a week, spring quarter.

PHARMACOLOGY: Three hours a week, fall quarter; ten hours a week, winter and spring quarters.

SURGICAL ANATOMY: Six hours a week, spring quarter.

HYGIENE: Three hours a week, winter quarter.

PHYSICAL DIAGNOSIS: Four hours a week, winter quarter.

Summary of First and Second Year

Subjects	*Hours*
Biological Chemistry	160
Anatomy	750
Physiology	260
Pharmacology	300
Bacteriology and Immunology	250
Pathology	275
Surgical Anatomy	60
Hygiene	33
Physical Diagnosis	40

EXAMINATIONS

The regular examinations in the Medical School are held during the examination periods of the College of Liberal Arts at the close

of each quarter. First year students will be allowed special examinations for the removal of conditions during the week preceding the close of the third quarter, or during the registration week in September.

An examination will not be allowed a student who is charged with ten per cent of unexcused absences, or with absences amounting to twenty per cent of the total number of hours assigned the subject.

PROMOTIONS

If a first year student makes a grade of F on any subject, or a grade of E with failure to remove it by subsequent examination, he will be required to withdraw from the school. A first year student who has been dropped from the Medical School and has returned to college and done creditable work for three quarters may be considered for readmission to the first year class.

If a second year student makes a grade of E on any subject he may be given another examination on that subject at any subsequent examination period or during the following month of July, but, if a second year student makes a grade of F on one major subject or an E on each of two major subjects, the privilege of reexamination shall be denied. He may be allowed to repeat the second year with the consent of the faculty.

COURSES OF INSTRUCTION

Certain courses in the curriculum of the School of Medicine are approved by the Graduate School as minors for the master's and doctor's degree. For details see under Graduate School.

DEPARTMENT OF ANATOMY

The courses include gross and microscopic anatomy, embryology, the topography of the body, the application and relation of anatomy to medicine and surgery, and the anatomy of the central nervous system and the organs of special sense.

1. GROSS ANATOMY.

Laboratory talks, demonstrations, and conferences take the place of lectures. The student makes a complete dissection of the human body under the constant supervision and direction of an instructor, who insists upon the use of texts, guides, and atlases, and holds practical examinations upon the cadaver. Each student is provided with a complete set of disarticulated bones which he is required to demonstrate. *Twenty-one hours a week, fall quarter; eighteen hours a week, winter quarter.* Professor Mangum, Mr. Rose.

2. GENERAL HISTOLOGY AND ORGANOLOGY.

Includes: (a) Study of the fundamental tissues, followed by (b) the study of the microscopic structure of the organs of the body, in connection with an examination of gross structure. Lectures, demonstrations, and laboratory. *Six hours a week, fall quarter; nine hours a week, winter quarter.* Professor George. See catalogue of the Graduate School.

3. CYTOLOGY AND HISTOGENESIS.
Those who have completed course 2 or its equivalent will be offered an opportunity to pursue further work in Cytology and Histogenesis. Arrangements for this course may be made with the instructor. Professor George.

4. EMBRYOLOGY.
(a) Lectures and laboratory study of the early processes in the formation of the vertebrate body. (b) Lectures, demonstrations, and laboratory study of mammalian embryos. *Three hours a week, fall quarter; six hours a week, spring quarter.* Professor George. See catalogue of the Graduate School.

5. CENTRAL NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.
A special laboratory study of the gross and microscopic anatomy of the cord and encephalon. Each student is provided with numerous prepared dissections of the human brain and a series of sections through the cord of the brain stem which he studies with the aid of a guide. A human brain is then given to each group of four men and by them dissected in order to correlate and systematize the work already done. A practical examination tests the student's ability to locate the various tracts and nuclei. *Twelve hours a week, spring quarter.* Professor Mangum. See catalogue of the Graduate School.

6. SURGICAL ANATOMY.
The principles of minor surgery and the relation of anatomy to surgery, including the surface markings of organs, their location and inter-relationship, incisions for reaching nerves and arteries, influence of muscles upon fractures, and luxations, amputations and other surgical operations upon the cadaver. Instruction is by lectures, X-ray plates, and practical work upon the cadaver. *Six hours a week, spring quarter.* Associate Professor Lawson.
The Department provides facilities to physicians and surgeons who wish to make special dissections or carry out any special study in the field of anatomy.

DEPARTMENT OF BACTERIOLOGY

1. ELEMENTARY BACTERIOLOGY. Prerequisite, Chemistry 1-2 and Botany 1. *Elective.
A lecture and laboratory course offered as a general science course. The fundamental principles of bacteriology are emphasized, and the student is trained in general bacteriological technique. The morphological and biological characteristics of the molds, yeasts, and saprophytic bacteria are studied. Pure cultures are isolated from air and water, and identification attempted. The applications of bacteriology to agriculture, industry, and the home are considered. (Registration of a minimum of six students required.) Text: Greaves: *Elementary Bacteriology. Nine hours a week (lectures and laboratory), winter quarter. Laboratory fee, $4.00.* Professor MacPherson.

2. PATHOGENIC BACTERIOLOGY. Required of medical students.
The early weeks of the course are devoted to a thorough grounding in the fundamental principles of bacteriology. Each student prepares the various culture media in common use: cultivates and describes several non-pathogens from stock cultures; and practises the more useful staining methods. Pure cultures are isolated from air and water and their biology studied. The major portion of the course is devoted to the detailed study of the pathogens. Unknown mixtures are used to test the student's ability to differentiate organisms of the various groups. Practical applications of bacteriology in the diagnosis of disease are stressed by the examinations of sputa, pus, feces, and blood. Animal inoculations are made to demonstrate the process of infection and the

* Before registering for this course the academic student must secure the permission of his Dean

differentiation of certain organisms. Lectures cover all the more important diseases. Text: Park and Williams' *Pathogenic Microörganisms. Fifteen hours a week (lectures and laboratory), spring quarter. Laboratory fee, for non-medical students, $6.00.* Professor MacPherson. See catalogue of the Graduate School.

3. PUBLIC HEALTH AND HYGIENE. Prerequisite, Bacteriology 2. *Elective.

Lectures and quizzes on the sources, mode of spread, and control of communicable diseases; ventilation; water and sewage purification; soil pollution; hygiene of foods; carriers; and insect vectors. Text: Rosenau's *Preventive Medicine. Three hours a week, winter quarter.* Professor MacPherson.

4. INFECTION, IMMUNITY, AND SERUM DIAGNOSIS. Required of medical students. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

The early laboratory work is designed to demonstrate the basic principles of immunology and serology. Practical training is given in the production and use of agglutinins, precipitins, lysins, and complement fixing antibodies Vaccines are prepared, and their use demonstrated. The preparation and standardization of antimicrobic and antitoxic sera are studied. Anaphylaxis and allergy are produced in animals, and methods of diagnosis and desensitization practised. The student is required to prepare his own materials and to inject and bleed animals himself. Special attention is given to the use of these principles in the diagnosis of blood stains, blood grouping, typhoid fever, typhus fever, diphtheria, tuberculosis, hay fever, gonorrhœa, and syphilis. Unknown specimens test the student's ability to use the reactions. Lectures consider the principles of infection, immunity, and resistance. Text: Kolmer's *Infection, Immunity, and Biological Therapy. Nine hours a week (lectures and laboratory), fall quarter. Laboratory fee for non-medical students, $10.00.* Professor MacPherson. See catalogue of the Graduate School.

5. PUBLIC HEALTH LABORATORY METHODS. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

A course of training in the modern bacteriological methods employed in the routine work of a public health laboratory. Practice is afforded in the laboratory diagnosis of diphtheria, tuberculosis, typhoid fever, pneumonia, malaria, gonorrhœa, syphilis, and rabies. The bacteriological examination of water, milk, and canned goods is also practised. The course is designed for medical students, and those wishing to qualify as bacteriological laboratory technicians. *Six hours a week, spring quarter. Laboratory fee for non-medical students, $6.00.* Professor MacPherson.

6. ADVANCED BACTERIOLOGY AND RESEARCH. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

Opportunity and facilities are offered to qualified students to pursue advanced work in bacteriology and immunology. *Hours arranged.* Professor MacPherson.

DEPARTMENT OF PATHOLOGY

1. PATHOLOGY.

Embraces a consideration of general and special pathology from the chemica and physiological as well as the morphological aspects. Lectures and recitations are combined with laboratory work in a study of both gross and microscopical preparations. Each student is supplied with a set of "loan" sections (about 200) which form the basis of the study. This is supplemented by the use of a considerable number of special demonstration sections. A series of practical examinations is held, in which each student is required to diagnose the process and describe the salient features in about fifty "unknown" sections. *Six hours a week, fall quarter; eight hours a week, winter quarter; twelve hours a week, spring quarter.* Professor Bullitt. See catalogue of the Graduate School.

*Before registering for this course the academic student must secure the permission of his Dean.

2. CLINICAL MICROSCOPY.
In this course a study is made of blood, urine, sputum, stomach contents, feces, spinal fluid, and various exudates. Some of its content has been partially covered in the courses in Chemistry, Bacteriology, and Pathology, but considerable additional material is supplied and this material is studied in more detail. The student has the opportunity to acquire skill in making these examinations. Emphasis is laid upon the clinical aspects. The work consists chiefly of laboratory exercises but these are supplemented, where necessary, by lectures. *Three hours a week, spring quarter.* Doctor Carrington.

3. ADVANCED PATHOLOGY. Two courses are offered.
(a) Surgical Pathology (prerequisite, Pathology 1); a detailed study of surgical material, with special reference to tumors. (b) Experimental Pathology; production of various inflammatory lesions and study of their development. *Hours by arrangement.* Professor Bullitt.

DEPARTMENT OF PHARMACOLOGY

1. MATERIA MEDICA AND CHEMICAL PHARMACOLOGY.
The course in an integral part of the course in Pharmacology for second year medical students and is a prerequisite to it.
This introductory course has a triple purpose: first, to familiarize students with the physical character and behavior of the official drugs; second, to demonstrate the manner in which these drugs are brought together in making medicinal formulas; and third, to show how these and other drugs may be ordered by means of properly written prescriptions. Class-room and laboratory exercises are regularly held to acquaint students with the appearance and nature of crude drugs, pharmaceutical preparations, and synthetic compounds; while representative types of medicines—tinctures, ointments, pills, etc.—are made by each student in order to gain first-hand knowledge of formula construction. Prescription writing is given careful consideration with particular attention being paid to terminology and incompatibility. Beard's *Outline of Materia Medica. Five hours a week, fall quarter.* Professors Beard, Jacobs.

2. PHARMACOLOGY.
The course in Pharmacology extends throughout the second year of the medical curriculum. The character of the work permits a division of the course into three parts: (a) A consideration of the ways in which drugs may affect the organism. This introduction embraces a discussion of the various physicochemical forces influencing drug activity, and the modification of the action of these conditions in different pathological states of the organism, such, for instance, as febrile conditions and various metabolic disturbances. (b) A general study of the pharmacology of the important drugs. The drugs are considered in groups depending upon their predominant effect in the body. The student learns the preparation, their dose, physiological incompatibilities, and considers in detail the way in which the drugs act as pharmacological agents. The symptoms and treatment of poisoning are considered following the discussion of the pharmacology of the group. (c) A consideration of the pharmacology of the drugs in the pathological animal, with a discussion of the modification of drug activity in various pathological states. In conjunction with this study emphasis is given to the use of drugs as therapeutic agents and a study is made employing such remedies as are indicated in the form of a prescription. Students are required to write prescriptions, which are then subjected to the criticism of various members of the class and the instructor.

3. PHARMACODYNAMICS.
This part of the general course in pharmacology consists in a careful and accurate study of the action of practically all of the more important drugs on animals. For this work, the higher animals, such as the cat and dog, are chiefly

used. The class is divided into groups of two or four, and the experimental work is conducted by the student. Each student is required to hand in to the instructor at the completion of the course a laboratory notebook containing a detailed account of each experiment, an explanation of the results obtained, and the tracings made during the experiment. Oral and written recitations are frequently held. Text: Sollmann. Reference: Cushny; Meyer and Gottlieb, *Pharmacology, Experimental and Clinical;* Jackson, *Experimental Pharmacology. Three hours a week, fall quarter: ten hours a week, winter and spring quarters.* Professor MacNider, Mr. Donnelly. See catalogue of the Graduate School.

4. ADVANCED PHARMACOLOGY.
Two types of courses will be offered: (a) an experimental study of the action of various drugs upon the normal animal; (b) an experimental study of the action of various drugs and other agents upon the pathological animal. Professor MacNider.

DEPARTMENT OF PHYSIOLOGY

The course in Physiology is given in four parts as follows:

1-2. PHYSIOLOGY.
A lecture course for two quarters, in which the functions of the systems of organs are explained and discussed as fully as time permits. The subjects include the digestion, the circulation, respiration, elimination, metabolism, the internal secretions, heat regulation, the nervous system, and the special senses. Attention is called to pathological conditions which are commonly associated with disturbed functions and which emphasize the importance of normal function. *Six hours a week, fall and winter quarters.* See catalogue of the Graduate School.

3. BIOLOGICAL CHEMISTRY 1.
A lecture and laboratory course during the winter quarter of the first year in which the fundamental principles of the subject are discussed and illustrated by appropriate experiments in the laboratory as far as possible. The chemistry of the "body stuffs" and the other general subjects of physiological chemistry are treated in the usual way. *Nine hours (lecture and laboratory) a week, winter quarter.*

4. BIOLOGICAL CHEMISTRY 2.
In the fall quarter of the second year, the class is divided into two sections for the more difficult work in digestion, blood and urine analysis, basal metabolism, etc. *Fall quarter.*

5. EXPERIMENTAL PHYSIOLOGY.
A laboratory course during the fall quarter of the second year. Special experiments performed in small sections are carried on in the winter quarter. In this course the student learns the use of physiological apparatus; studies the neuro-muscular system and heart on the frog and turtle; the vascular and respiratory systems on the rabbit and dog; and performs a limited number of experiments on the human, making pulse records, taking blood pressure, determining Basal Metabolic rates, etc. Laboratory notes. *Six laboratory hours a week, fall quarter.* Professors Manning, Brooks. See catalogue of the Graduate School.

6. ADVANCED COURSE IN BIOLOGICAL CHEMISTRY.
(a) Biochemical Methods. Studies of Biochemical Methods. Original articles are consulted and theoretical problems worked out. *Three lectures weekly, spring quarter.*
(b) Biochemical Preparations. The preparation of plant and animal products of special interest, a laboratory course in conjunction with course (a). *Six laboratory hours a week, spring quarter.*

PHYSICAL DIAGNOSIS

A course in the technique of physical examination: auscultation, palpation, percussion, and the study of the filming of the organs, both normal and diseased. The class is taken by sections for all-day clinics to the State Sanatorium and the State Hospital. Lectures include all the diseases of the thorax and the clinical signs of the common affections. Text: DaCosta. *Four hours a week, winter quarter.* Professor Lawson.

THE SCHOOL OF PHARMACY

FRANK PORTER GRAHAM, M.A., *President.*
*EDWARD VERNON HOWELL, A.B., Ph.G., *Dean.*
JOHN GROVER BEARD, Ph.G., Ph.M., *Acting-Dean.*

†THE ADMINISTRATIVE BOARD

WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry.*
HENRY ROLAND TOTTEN, Ph.D., *Professor of Botany.*
....., *Associate Professor of Pharmacy.*
MARION LEE JACOBS, Ph.C., M.Sc., *Assistant Professor of Pharmacy.*

SPECIAL STAFF

*EDWARD VERNON HOWELL, A.B., Ph.G., *Professor of Pharmacy.*
JOHN GROVER BEARD, Ph.G., Ph.M., *Professor of Pharmacy.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry.*
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....., *Associate Professor of Pharmacy.*
FLOYD HARRIS EDMISTER, Ph.D., *Associate Professor of Chemistry.*
MARION LEE JACOBS, Ph.C., M.Sc., *Assistant Professor of Pharmacy.*
HARRY EUGENE BOLEN, S.B. in Pharm., *Instructor in Pharmacy.*
BRODDIE DUKE ARNOLD, *Assistant in Pharmacy.*
RAY PALMER CRAIG, *Assistant in Pharmacy.*
KELLY WILLIAM HUSS, *Assistant in Pharmacy.*
RUFUS HENRY TEMPLE, *Assistant in Pharmacy.*

HISTORICAL SKETCH

In 1880 Dr. Thomas W. Harris was instrumental in establishing a Pharmacy School at the University in connection with the School of Medicine. Doctor Harris was Professor of Anatomy, Materia Medica, and Pharmacy. The faculty of the new school consisted in addition to Professor Harris, of Frederick W. Simonds, Professor of Botany and Physiology, and Francis P. Venable, Professor of Chemistry. The course in pharmacy extended over two sessions of

* Deceased.
† The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

five months each, and led to the degree of Graduate in Pharmacy (Ph.G.). The school was continued until the resignation of Doctor Harris in 1886, when it was abandoned completely. In the fall of 1889 the school was revived by Dr. Richard H. Whitehead, but again its career was cut short.

In March of 1897 the present School of Pharmacy was established, and Edward Vernon Howell was elected Professor of Pharmacy, and given charge of the school. At that time the school occupied the ground floor of the New West Building, which had been provided with laboratories, lecture rooms, herbarium, and a reading room. The first lectures, offered in September of 1897, pertained to practical and theoretical pharmacy, materia medica, physiology, physics, general and analytical chemistry, and botany. The course of study extended over two sessions of nine months each and led, as did the courses in the initial school, to the degree of Graduate in Pharmacy (Ph.G.).

In the summer of 1912 the school was moved to Person Hall, a building containing ten rooms. In 1914 two new courses in pharmacy were added to the curriculum; one, a three-year course, led to the degree of Doctor of Pharmacy (P.D.); the other, also a three-year course, led to the degree of Pharmaceutical Chemist (Ph.C.). In 1917 the school was admitted to membership in the American Association of Colleges of Pharmacy, an organization founded for the promotion of pharmaceutical education. Member-colleges, in order to retain their membership must maintain certain entrance and graduation requirements and must in other ways follow out general practices as determined by the Association.

In order to comply with the Association's newly made requirements, in 1925 the degrees of Doctor of Pharmacy and Pharmaceutical Chemist were abandoned, and the course of study leading to the degree of Graduate in Pharmacy was advanced from two to three years. A four-year course was also added leading to the degree of Bachelor of Science in Pharmacy (S.B. in Pharm.).

In the fall of 1925 the School of Pharmacy moved into the building formerly occupied by the Department of Chemistry. The building is now known as Pharmacy Hall. The school has gradually developed with respect to members of the faculty, equipment, apparatus, and attendance. The pharmaceutical library has been made valuable by many historical and modern books on pharmacy and its allied branches and by bound volumes of proceedings and journals, either given by friends or purchased by the University.

REQUIREMENTS FOR ADMISSION

See page 59.

EXPENSES

See pages 61-64.

ATTENDANCE

Regular attendance upon all classes is required of every student of pharmacy. In any quarter, absences are counted from the first regular meeting of each class. For other regulations concerning attendance please see pages 75-77, as the same regulations are in force for students in pharmacy as for other undergraduate students.

COURSES OFFERED

For the Degree of Graduate in Pharmacy

In order to be recommended for the degree of Graduate in Pharmacy the student must have completed the three-year course of study outlined below. Equivalent work done in some other recognized school of pharmacy may be accepted for the first two years of this course only.

A student must obtain satisfactory marking in attendance, making a grade of D or better in each course.

No first year student who fails in the three regular quarters of the session to pass at least five courses, and no other student who fails to pass seven courses or equivalent, shall be readmitted to the School of Pharmacy except by a special vote of the Administrative Board of the School. Deficiencies may be made up by correspondence work or in summer school, in which case the number of courses above become six and eight respectively.

For the Degree of Bachelor of Science in Pharmacy

A four-year course leading to this degree is offered. For the curriculum required for this degree see under the section devoted to the School of Applied Science, page 199.

A student who has completed one or more years of accredited work in a recognized school of pharmacy and submits satisfactory evidence of having completed the entrance requirements and courses equivalent to those prescribed in the curriculum required for the degree of S.B. in Pharmacy, may be admitted with advanced standing and proceed for this degree.

Upon the completion of the curriculum prescribed for the degree of Bachelor of Science in Pharmacy, provided he has elected Zoölogy 41 and 42 in his senior year, a student may enter a School of Medicine or pursue courses of study leading to the Master's or Doctor's degree with Chemistry as his major subject.

Drug Store Experience

The North Carolina Board of Pharmacy requires of candidates for license to practise pharmacy evidence of not less than forty-eight months of practical drug store experience. However, it allows the work done in the pharmaceutical laboratories to count in

lieu of drug store experience, such credit to be limited to twenty-four months. Up to this limit the college work counts month for month.

METHOD OF NUMBERING COURSES IN PHARMACY

The first numeral in the course number indicates which year in the schedule the course is pursued: for example, Pharmacy 15 is a subject taught in the first year; Pharmacy 20 in the second year, etc.

COURSE LEADING TO THE DEGREE OF GRADUATE IN PHARMACY

First Year

Fall Quarter: Chemistry 1, English 1a, Botany 11, Pharmacy 10.

Winter Quarter: Chemistry 2, Botany 12, Pharmacy 11, English 1b.

Spring Quarter: Chemistry 31, English 1c, Pharmacy 12, Pharmacy 15.

Second Year

Fall Quarter: Chemistry 41, Pharmacy 20, Pharmaceutical Chemistry 25, Pharmaceutical Chemistry 26.

Winter Quarter: Chemistry 42, Pharmacy 21, Materia Medica 20.

Spring Quarter: Pharmacy 28, Pharmaceutical Chemistry 27, Materia Medica 21, Physiology 20.

Third Year

Fall Quarter: Pharmacy 30, Pharmacy 32, Materia Medica 30, Pharmacology 32.

Winter Quarter: Pharmacy 33, Pharmacy 35, Pharmacy 38, Pharmaceutical Chemistry 36.

Spring Quarter: Pharmacy 31, Pharmaceutical Chemistry 37, Elective (to be approved by the school).

COURSE LEADING TO THE DEGREE OF S.B. IN PHARMACY

See page 199.

COURSES OF INSTRUCTION

Pharmacy

10. PHARMACEUTICAL ARITHMETIC.

Beginning with a thorough study of the metric system, this course progresses through transposition, ratio, percentage, and alligation, after which the student is drilled in problems having to do with chemical reactions. Follows then a consideration of the arithmetic met with in commercial transactions, such as cost, overhead, profit, and sales percentage; turnover; mark-up; etc. It is the purpose of the course so to relate arithmetic to pharmacy as not only to make certain that students can solve quickly and correctly the scientific problems met with in manufacturing and dispensing, but also that they may have mastery over the merchandising calculations that play a prominent part in retail pharmacy. Text-book: Sturmer's *Pharmaceutical Arithmetic. Three hours a week, fall quarter.* Professor Beard.

11-12. THEORY AND PRACTICE OF PHARMACY.
The courses consist of lectures upon the following subjects, with practical demonstrations and the employment of proper apparatus whenever necessary: metrology, comminution, heat evaporation, distillation, sublimation, fusion, calcination, granulation, oxidation, reduction, etc.; colation, filtration, decolorization, clarification, precipitation, etc.; maceration, expression, infusion, decoction, etc.; percolation and study of the following: waters, syrups, honeys, glycerites, mucilages, mixtures, spirits, elixirs, liniments, collodions, tinctures, wines, vinegars, and fluidextracts. Text-book: Remington's *Theory and Practice of Pharmacy. Five hours a week, winter and spring quarters.* Professor *Howell.

15. OPERATIVE PHARMACY.
This course is designed to demonstrate the various operations outlined in Pharmacy 11-12, and to drill the student in the correct preparation or manufacture of the classes of pharmaceuticals as outlined in the Pharmacopoeia. He is required to make under the direction of the instructor those preparations which enter into prescriptions and is taught the correct uses of the different apparatus required in the practice of pharmacy. Text-books: Remington's *Theory and Practice of Pharmacy;* Ruddiman's *Whys in Pharmacy. Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, $12.00.* Professor Jacobs, Mr. Bolen, and Assistants.

20-21. THEORY AND PRACTICE OF PHARMACY. Prerequisite, Pharmacy 11-12.
The official forms and preparations of drugs are taken up in detail. Beginning with the inorganic compounds, the salts are considered with regard to their commercial qualities and pharmaceutical uses and preparations. The organic compounds are studied, commencing with the salts of the organic acids and passing to the natural and organic compounds. *Five hours a week, fall and winter quarters.* Professor *Howell.

28. DISPENSING PHARMACY.
A practical course concerned with the operations and processes involved in prescription-filling. At the outset, students demonstrate for themselves the selection and correct use of the various apparatus employed in compounding formulae, after which they are drilled carefully in proper procedure and are instructed thoroughly in the method of mixing the materials that enter into physician's recipes. Incompatibilities are considered, first, as to probable occurrences, and second, as to prevention or correction. The common types are demonstrated and every probable kind is given study. No fixed number of actual prescriptions is required to be filled, but the student is kept at the task of compounding until he becomes competent to serve as a practical prescriptionist. Not only is the usual technique of compounding dwelt upon, but there also enters into the course a consideration of such matters as eutectic mixtures, colloidal solutions, viscocity, etc. After prescriptions are filled, they are checked, labeled, properly packed, and then priced according to the accepted scale of calculation. During the progress of the course, emphasis is laid upon posture, neatness, dexterity, and accuracy. Working texts: Beard's *Guide to Dispensing Practice,* Remington's *Practice of Pharmacy. Lectures and laboratory, nine hours a week, spring quarter. Laboratory fee, $10.00.* Professor Beard and Assistant.

30. HISTORY OF PHARMACY.
This course is a study of the development of pharmacy from its ancient beginnings to its present state. The evolution of the Pharmacopoeia and the establishment of a pharmaceutical literature are also considered. Medical superstitions and the art of alchemy are contrasted with modern theories and practices in the field of drug therapy and manufacture. *Five hours a week, fall quarter.* Professor *Howell.

* Deceased.

31. THEORY AND PRACTICE OF PHARMACY.
A review of the tests and assays of the U. S. P. together with important diagnostical reagents and clinical tests. *Five hours a week, spring quarter.* Professor *Howell.

32-33 COMMERCIAL PHARMACY.
In presenting these practical courses, the dominant motive is to train students to think in terms of drug store ownership rather than clerkship, and to think independently. The class is led progressively through the various phases of retail drug store operation, beginning with the location of a store site and ending with lectures on pharmaceutical jurisprudence. Each student is expected to subscribe for three leading drug journals and to purchase at least two reference books on retail store management. Text-book: Pearson's *Commercial Pharmacy. Lectures and recitations, three hours a week, fall and winter quarters.* Professor Beard.

35. PHARMACEUTICAL LATIN.
A certain modicum of Latin is absolutely essential to the understanding of pharmaceutical terminology and to the proper handling of prescriptions. It is the purpose of this course to provide exactly that modicum. The course is divided into two parts. The first consists of twenty lectures and recitations presenting in progressive arrangements the necessary instruction in forms and syntax, and excluding everything which, however desirable and helpful, is not of immediate practical use to the pharmacist. The second part is devoted to word classification, abbreviations in common use, and to analyzing pharmaceutical terminology and prescriptions as ordinarily written. Text-book: Howe and Beard's *Latin for Pharmacists. Three hours a week, winter quarter.* Professor Beard.

38. MANUFACTURING PHARMACY. Prerequisite, Chemistry 41, 42.
This course is concerned with the commercial manufacture of the acids, heavy and fine chemicals, pharmaceutical specialties, and other products which are utilized in the manufacture of various pharmaceutical preparations. Special consideration is given to plant location, construction, machinery, raw materials, etc. Business and factory management including salesmanship, order routing, standardization, chemical control methods, packages, and shipping are also given consideration. References: Roger's *Industrial Chemistry* and *United States Dispensatory. Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, $10.00.* Mr. Bolen and Assistant.

39. RESEARCH.
Original work in some department of the School must be carried out and the results presented in the form of a written thesis. The student may elect to carry on his research under any member of the departmental faculty, but the character and scope of the investigation must be approved by the director of the course. Professor *Howell.

49. RESEARCH. Prerequisite, Pharmaceutical Chemistry 40 and Pharmacy 30.
Advanced research work as a partial requirement for the degree of S.B. in Pharmacy. *Laboratory fee, $5.00.* Professors *Howell, Beard, Jacobs.

Pharmaceutical Chemistry

25. TOXICOLOGY.
The chemical and physiological behavior of poisons; first aid, antidotal and recuperative treatment for the various types of poisoning. The separation and identification of poisons in foods and animal tissues. The laws regulating the sales of poisons are also considered. Text-books: Autenrieth and Warren's *Detection of Poisons,* Trumper's *Memoranda of Toxicology. Lectures and lab-*

* Deceased.

oratory, six hours a week, fall quarter. Laboratory fee, $5.00. Mr. Bolen and Assistant.

26. URINARY ANALYSIS.
By means of laboratory work, supplemented by lectures, the student is drilled in making qualitative and quantitative analyses of urine. The phenomena of urine secretions and elimination and the physiological and pathological constituents of urine, with exhaustive tests for determining the presence or absence of these constituents, are fully dwelt upon. In addition, the student is taught to select and arrange the apparatus required to make urine analyses in the drug store. Reference: Hawk and Bergeim's *Physiological Chemistry. Lectures and laboratory, six hours a week, fall quarter. Laboratory fee, $5.00.* Mr. Bolen and Assistant.

27. PHARMACEUTICAL ANALYSIS. Prerequisite, Chemistry 41, 42.
A laboratory course of assaying drugs and medicines which is supplemented by lectures designed to instruct the student in the Pharmacopoeial methods of the identification and determination of the purity of the official drugs and chemicals. Text-book: *United States Pharmacopoeia. Three lecture and four laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Mr. Bolen and Assistant.

36-37. ORGANIC PHARMACEUTICAL CHEMISTRY. Prerequisite, Chemistry 41, 42.
The organic pharmaceuticals of the aliphatic and aromatic series. *Three lecture and six laboratory hours a week, winter and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Jacobs.

40. INDUSTRIAL PHARMACY. Prerequisite, Chemistry 61, 62.
The manufacture of volatile oils, aromatic chemicals and perfumer's raw materials. Consideration is given to the art of perfuming and the manufacture and analysis of cosmetics and general toilet requisites. Patents, trademarks, copyrights, advertising, and package designing are also considered. *Two lecture and six laboratory hours a week, winter quarter. Labratory fee, $1.00.* Mr. Bolen and Assistant.

41. INDUSTRIAL PHARMACY. Prerequisite, Chemistry 41, 42.
A technical course in the commercial methods of analysis of crude drugs, pharmaceuticals, trade products, and toilet preparations. References: *United States Pharmacopoeia* and Allen's *Commercial Organic Analysis. Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Mr. Bolen and Assistant.

43-44. ORGANIC PHARMACEUTICALS. Prerequisite, Pharmaceutical Chemistry 36-37 or Chemistry 61-62.
Methods of the organic pharmaceutical industries, and the recent advances in organic medicinals. *Three lecture and six laboratory hours a week, winter and spring quarters. Laboratory fee, $10.00 a quarter.* Professor Jacobs.

Materia Medica and Pharmacology

1. MATERIA MEDICA AND CHEMICAL PHARMACOLOGY.
For a description of this course see School of Medicine.

20-21. MATERIA MEDICA. Prerequisite, Botany 11-12.
The individual drugs of the United States Pharmacopoeia and the National Formulary are considered from the standpoint of their origin, history, appearance, structure, active principles, chief medicinal properties, official preparations, and doses. These drugs are grouped and studied according to the families to which they belong. Later they are classified into therapeutic groups, based

on their action, i.e., whether they are stimulants, alteratives, irritants, astringents, etc. The subject is amply illustrated from the large collection of the School, which includes all the drugs of the Pharmacopoeia, as well as many unofficial plant parts; by means of colored plates and pictures; and from the library, which contains a large number of valuable books on the subject. Text-books: Washburn's *Pharmacognosy and Materia Medica*, Beard's *Therapeutic Terms and Common Diseases. Lectures and recitations, five hours a week, winter and spring quarters.* Professor Beard.

30. MATERIA MEDICA. Prerequisite, Materia Medica 20-21.
This course is to be considered as advanced Materia Medica 20-21. In addition to a more comprehensive study of vegetable and chemical drugs, consideration is given to the animal and biological products which are used as drugs. Preliminary to the study of serums and vaccines, the student is taught something of the form, occurrence, habits, and resistance of the more common pathological organisms, the activities of which make biological products necessary. *Lectures and recitations, five hours a week, fall quarter.* Professor Beard.

20. PHYSIOLOGY.
A study of the functions of the normal human body and a consideration of how these functions are modified by the action of drugs. Laboratory experiments are conducted by the instructor to demonstrate the more important physiological reactions of the lower animals, frogs, turtles, and cats. *Three hours a week, spring quarter.* Professor MacNider.

32. PHARMACOLOGY. Prerequisite, Materia Medica 20-21, Physiology 20.
This course is concerned with the physiological and therapeutic action of drugs both upon man and upon lower animals. Prior to this work the student has completed Materia Medica 20-21 which is concerned with the study of the physical and chemical properties of drugs, their preparations, dosage, and a brief statement of their effect. This course in Pharmacology is intended to amplify and give in a more detailed fashion an understanding of the way in which the drug acts in normal and in toxic quantities. A consideration of the biological standardization of drugs is also a part of this course. Text-book: Bastedo's *Materia Medica, Pharmacology, and Therapeutics. Lectures and laboratory, seven hours a week, fall quarter. Laboratory fee, $5.00.* Professor MacNider and Assistant.

Botany

11. GENERAL BOTANY.
An introduction to the structure, classification, and activities of plants, with life history studies from the principal groups, including algae, bacteria, fungi, mosses, ferns, and the seed plants. Instruction in this course is not confined to the lecture room and laboratory, but advantage is taken of the rich local flora and of the arboretum with its drug garden. Through field trips the student learns to use keys and to make collections, and becomes acquainted with the living plants, especially with the trees, shrubs, and drug plants. *Five lecture and four laboratory hours a week, fall quarter. Laboratory fee, $4.00.* Professor Totten and Assistants.

12. PHARMACEUTICAL BOTANY AND PHARMACOGNOSY. Prerequisite, Botany 10.
A study of drug plants; the structure of their parts and contents; the localization and identification of crystals, starches, mucilages, gums, oils, resins, glucosides, alkaloids, etc.; microscopical study and identification of crude and powdered drugs and their adulterants. *Four lecture and four laboratory hours a week, winter quarter. Laboratory fee, $4.00.* Professor Totten and Assistants.

For description of courses in Chemistry, see page 105, in English, see page 133.

PRIZES AND SCHOLARSHIPS

LEHN AND FINK GOLD MEDAL. This medal is given annually by Lehn and Fink of New York City for excellence in research work.

RICHARDSON SCHOLARSHIPS. Three scholarships of $85.00 each for tuition have been established by Mr. H. S. Richardson, of Greensboro. These scholarships are awarded to members of the first, second, and third year classes for excellence in scholarship.

COUNCIL SCHOLARSHIP. This scholarship, amounting to $85.00 a year for tuition, is awarded to a deserving student selected by the Dean of the School of Pharmacy and the donor.

FAIRCHILD SCHOLARSHIP. Mr. Samuel W. Fairchild, of New York City, offers annually a scholarship amounting to $300.00 in cash to the high school graduates of the United States who wish to follow Pharmacy as a vocation.

The Fairchild Scholarship will be awarded on the basis of competitive examination given to candidates who are high school graduates and who have successfully finished at least three years' work in a school or college of pharmacy or department of pharmacy of a university which is a member of the American Association of Colleges of Pharmacy. Each school, college, or department of pharmacy will be allowed and be limited to two candidates. Application for further information concerning this prize should be made to the Dean of the School of Pharmacy.

THE UNIVERSITY OF NORTH CAROLINA BRANCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION

The University of North Carolina Branch of the American Pharmaceutical Association was organized in the fall of 1922 in response to the need of the students for a local society devoted to the scientific and ethical development of pharmacy as a profession.

RHO CHI HONORARY SOCIETY

The Xi Chapter of the National Rho Chi Society was established at the University of North Carolina in 1929. Membership in this organization is limited to pharmacy students who maintain a high scholastic average during two years of study and who in addition demonstrate qualities of campus citizenship that are of an outstanding character.

PART SIX

COMMENCEMENT
CATALOGUE OF STUDENTS
INDEX

ONE HUNDRED AND THIRTY-FIFTH COMMENCEMENT
1930

Saturday, June 7th, Class Day

SENIOR PRAYERS
CLASS EXERCISES OF THE GRADUATING CLASS
RECEPTION TO THE GRADUATING CLASS

Sunday, June 8th, Baccalaureate Sunday

BACCALAUREATE SERMON, Dr. Walter Lingle
BAND CONCERT
VESPER SERVICES—Y. M. C. A. SERMON

Monday, June 9th, Alumni Day

ANNUAL MEETING OF THE ALUMNI
ALUMNI LUNCHEON
MEETING OF THE BOARD OF TRUSTEES
BAND CONCERT
PRESIDENT'S RECEPTION
ALUMNI BALL

Tuesday, June 10th, Commencement Day

COMMENCEMENT ADDRESS, John Huston Finley
PRESENTATION OF DIPLOMAS BY
His Excellency, Oliver Max Gardner

DEGREES IN COURSE

Bachelors of Arts

William Jackson Adams, Jr.
Penelope Alexander
Frank Armfield
Henry McKean Baggs
Howard William Baily
William Otis Bennett
George Washington Bradham
John Brandt, Jr.
Robert Vance Brawley
Bertram Hoole Brown
A.B. in Journalism
Travis Taylor Brown
William Howard Brown
John Henry Brunjes, Jr.
Mary Lewise Carpenter
Gabriel Paul Carr
Clarence Coleman Cates
Olivia Hart Chamberlain
Christine Leroy Coffey
Gabriel Murrel Cohen
Ralph Stokes Collins
Georgia Anna Couch
David Jenkins Craig, Jr.
John Thomas Craig
Baxter Tudor Davies
Suzanne Tarpley Dent
Robert Foster Dewey
John Henry Dougherty
James Mendenhall Dunlap, Jr.
Celeste Edgerton
John Herbert Estep
Ernest Wyttenbach Ewbank
Stuart Allan Farleigh
Julian Baker Fenner
Dorothy D. Fooshe
James Edward Ford, Jr.
Maurine Forester
William Pace Fuller
Harry Joseph Galland
Paul Denny Gilliam
John Washington Graham
Robert Lee Graham, Jr.
Gordan Gray
Charles O'Hagan Grimes
Harry Grossman
George Winston Hamer
Leonard Howlett Hole
Braxton Hubert Holloman
Alexander Baron Holmes
William Robert Hooks
Robert Alexander Hovis
Shelton Brinson Hunter, Jr.
Thomas Allison Hunter
J. P. Huskins
A. B. in Journalism
Elizabeth Johnson
Morris Kusnitz, Jr.
John Albert Lang
John Van Lindley
Peggy Sumray Lintner
A.B. in Journalism
James Thompson Lohnes, Jr.
George Attmore Long
Homer Legrand Lyon, Jr.
Helen McKay
Garland McPherson
John Oliver Marshall
John Mebane
Robert Long Murphy
Frank Church O'Neil
William Carey Parker
Douglas Laten Potter
George Race
Ralph Livingstone Randell
Charles Maurice Redfern, Jr.
Benjamin Browning Roach
A.B. in Journalism
George Waterhouse Sanders
Herman Walker Schnell
John Tate Shaw
Judah Shohan
Charles Lee Smith, Jr.
Samuel Edward Spitzer
Lawrence Pinckney Stack
Robert Edward Stanton
William Archie Stringfellow
Jacob Hill Strong, Jr.
Allston Julius Stubbs
Malcolm Greer Stutz
Granville Hamilton Swope
Loy Durant Thompson, Jr.
Harold E. Urist
Francis Dubose Uzzell
David Jackson Ward
Robert Hoke Webb
Katharine Platt Wells
Charles Frederick Williams
Lena Mae Williams
Janet Hilliard Wilson
John Fleming Wily, Jr.
Champ Winstead
Creighton Wrenn
Robert Lyles Zealy
Henry Hermann zurBurg

Bachelors of Arts in Education

Mary Elizabeth Adams
George Zachariah Alden
Helen Louise Baylor
Irving Stanley Breit
Nathaniel Clemroy Browder
Hardee Chambliss, Jr.
George Frederick Cole
Elizabeth Stiles Colley
Anne Kelso Currie
Sydney McLean Curry
William Rodolph Curtis
Cyrus Melvin Edson
Rufus Robert Edwards
Lida Harris Eubanks
Sara Gilmour Falkener
Mary Katherine Goodson
Alton Glenn Greene
Thomas Edmond Griffin
James Turner Harden
Jason Hugh Hardin
Phoebe Randolph Harding
Conrad Ogburn Hinshaw
John Irving Hocutt
Burt Powers Johnson
Frank Allen Jones
Roy Frank Lowry
Walter Guinn Lowry, Jr.
William Herbert McCall
Raymond Lee McHargue
Robert Dewey Marshall
Clarence Herbert Mason
William Edgar Merritt
Stephanie Moore
John William Parker
Edward Lee Piver
Ralph Connor Reid
William Lawrence Rhyne
Mary Louise Riggsbee
Emmett Graydon Shuford
Wales Franklin Sigmon
Howard Holmes Simpson
Eugene Cecil Sipe
Francis Marion Taylor, Jr.
Amos Lee Thomas
Samuel Monroe Turner
Raymond Douglas Vogler
Dean A. Ward
Joseph Tyson Ward
James William Webster
John Robert Wells
Bonny Columbus Wilson
Erwin Carlyle Woodard

Bachelors of Science in Chemistry

Raymond Elmo Bass
Daniel Johnson Brawley
John Raymond Murphy

Bachelor of Science in Geology

William Thompson Holland

Bachelors of Science in Medicine

Lacy Allen Andrew, Jr.
Charles Pattison Graham
George W. Heinitish
John Moses Mewborn
Samuel Eugene Pace
John C. Quickel
Augustus Steele Rose
Clyde Timothy Smith
Arthur Thomas Strickland, Jr.
Thaddeus Gilbert Upchurch
Joseph Robert Westmoreland
Frank Wilson, Jr.

Bachelors of Science in Pharmacy

Harry Eugene Bolen
Thomas Anthony Libbus

Bachelors of Science in Chemical Engineering

Walter Eugene Eskew
William Alva Perry

Bachelors of Science in Civil Engineering

Arch Turner Allen, Jr.
William Edgar Bobbitt
Cyrus Robert Davis
Henry Osborne Hill
William Johnson Horney
Clifford Crowe Jones
Charles McIver Ledbetter
William Merrimon McKinney, Jr.
Adolphus Mitchell
James Ashby Moore
Julian Ivanhoe Palmore, Jr.
James Paul Scurlock
Andres Gutierrez Soler
Wingate Egerton Underhill
Charles Edward Waddell, Jr.
Richard Montagu Walford, Jr.
Whitmel Hill Webb, Jr.
Charles Hardin West

Bachelors of Science in Electrical Engineering

John Johnston Alexander
William Clingan Burnett
Elmer Robert Davis
Francis Elmer Drake
Thaddeus Valmonte Hedgpeth
Franklin Banks Kuykendal, Jr.
Charles Merritt Lear
Robert Elijah Mason
James Emory Sherwood
Jacob Edward Skinner
Randall McKnight Starrett
Francis Rogers Toms
Lawrence Everett Tulloch
William Burton White
William Jerome Wortman

Bachelors of Science in Mechanical Engineering

Edwin Lawrence Lowry
Carl Lee Petree
John Baptist Pittana

Bachelors of Science in Commerce

Charles Whitlock Banner, Jr.
Harry Gray Brainard
William Churchill Cheatham
George Leslie Conley
Edmund Lane Curlee
William Henry Dry
Marion Geddings Follin, Jr.
James Stacy Grant
Ralph Cordell Greene
Sanford Coston Harper, Jr.
Linwood Parker Harrell
Boyd White Harris, Jr.
William Logan Higdon, Jr.
Francis Marion Houston
William Thomas Jackson, Jr.
Moses Dow Lasitter
James Lytch McNair, Jr.
Edward Emerson Mendenhall, Jr.
William Brewer Morgan
Harry Oliver Parker
Paul Raymond Patten
John Charles Redding
George Pryor Stone, Jr.
Leon Girley Stone
William Julian Stone
Kirby Dew Thompson
Thomas Roger Walker
Rudolph Carlyle Whitaker
Guyon Eugene Whitten
Willis Alexander Wilson, Jr.
George Caldwell Winecoff, Jr.
William Thomas Woodard
Sherman A. Yeargan

Doctors of Law

James Winfield Crew, Jr.
Walter Hoyle
Charles Francis Rouse
Allen Kendrick Smith, with honors
Thomas Weaver Sprinkle

Bachelors of Laws

Edwin Osborne Ayscue
Henry Bane
Jesse Spencer Bell
Augustus McAlister Covington
Armand Turner Daniel
Oscar Ben Eaton, Jr.
John Frazier Glenn, Jr.
Alfred Waddell Gholson, Jr.
Alexander Baron Holmes
John Baker Lewis
George Dawson McDaniel
John Brockett McMullan
Glenwood Crowder Meads
John Alfred Mullican
Jess Covington Radnor
Harry Rockwell
Clarence Odell Sapp
Dorsey Dewey Smith
Neil Sharpe Sowers
Edward Fort Taylor
Laurence Henry Wallace

Graduates in Pharmacy

Wilbur Royster Adams
Henry Clay Bell
Arthur Dennis McNeill
Earle Edwin Merrill
Joe Leak Pinnix
Leonard Erastus Reaves, Jr.
Charles Bion Sears

Masters of Science

Thomas Benjamin Bennett, Jr.
Thomas Lingle Kesler
Jose Rafael Martinez-Ponte
Fred Merryfield
Thomas Pasteur Noe, Jr.
Haywood Parker, Jr.
James Jeremiah Slade, Jr.
Archie Burkhead Uzzle, Jr.
Thomas Cobb Watkins
William Waldo Williams

Masters of Arts

Robert Waller Achurch
Lorenzo James Bell
Nora Beust
Ruth Blackwelder
Lilian Pearson Brinton
Margaret Jeannette Bruton
Sarah Janie Bush
James Edward Carver
Edward Caleb Coker, Jr.
Eleanor Ruth Coker
Miller Wade Conn
Virginia Lyn Denton
Harry Leslie Dillin
Nancy Blair Eliason
George Herbert Ellmore
Mary Katherine Fleming
Robert Steele Funderburk
Robert Lee Garrett
Katherine Niel Hendricks
Bertha Carl Hipp
Elwood Cartelyou Hunter
Augustus Campbell Jennings
Elizabeth Cunningham Kennedy
Clayton Good Lawrence
William Milton McLeod
Carl Ziegler Morgan
Stanley Wales Preston
Sallie Embry Scott
George Frank Sensabaugh
Chandler Shaw
Archibald Kenneth Shields
Alexander Silliman Smith
George Richard Trott
Henrietta Underwood
Gertrude Vaile
Martha Rebecca Ward
Evelyn Lee Way
William Way, Jr.
Martin Dewey Whitaker
Arnold Ledgerwood Williams
Lottie Crosland Wilson

Doctors of Philosophy

Myron Irving Barker, Romance Languages
Thesis: The Style and Literary Tendencies of Stendhal in His Novels.

Key Lee Barkley, Psychology
Thesis: The Development and Demonstration of a New Method for Determining the Relative Efficiencies of Advertisements in Magazines.

Milton Lau Braun, Physics
Thesis: The Electrodeless Glow Discharge.

Hugh Penn Brinton, Jr., Sociology
Thesis: The Negro in Durham.

John Fenton Daugherty, Physics
Thesis: The Infra-Red Absorption Spectra of Benzene and Its Halogen Derivatives.

William Earle Drake, Education
Thesis: Higher Education in North Carolina before 1860.

Oliver Philip Hart, Physics
Thesis: Intensity Variation of Arc and Spark Lines in the Electrodeless Discharge of Mercury.

Arthur Palmer Hudson, English
Thesis: Folk-Songs of Mississippi and Their Background—A Study, with Texts.

Richard Arthur Lineberry, Chemistry
Thesis The Ceramic Properties of Certain North Carolina Clays.

Velma Dare Matthews, Botany
Thesis: Studies on the Genera Nematosporangium and Pythium.

Carl Hamilton Pegg, History
Thesis: The First Republican Uprising in France (June 21 to July 17, 1791).

William Callier Salley, Romance Languages
Thesis: The Attitude of the Spanish Romantic Dramatists Toward History.

Sterling Aubrey Stoudemire, Romance Languages
Thesis: The Dramatic Works of D. Antonio Gily Zarate.

Walter Fuller Taylor, English
Thesis: Economic Unrest in American Fiction, 1880-1901.

CONFERRING OF HONORARY DEGREES

Doctor of Letters

Ellen Glasgow

Doctor of Science

Francis Preston Venable

Doctors of Laws

Harry Woodburn Chase

Oliver Max Gardner

DEGREES CONFERRED IN AUGUST, 1930

Bachelors of Arts

John Huske Anderson, Jr.
Edwin Burtis Aycock
Geneva Mae Bane
Benjamin Thorp Brodie
Jane Jeannette Ernest
Cleo Wade Goldston
Calvin Graves, Jr.
Milton L. Greenblatt
Isaac Hall Huske
George William Lawson
Ernest Clewell McInnis
Olivia McKinne
Charles Stowe Moody
Bertha May Rogers
Jacob Ben Schneider
Willie Ballance Smith
Thomas Miller Snyder
Kenneth Wagner Swartz
Hugh LaBarbe Willcox

Bachelors of Arts in Education

Miriam Lorayne Ashmore
Vance Odell Ayers
Minor Barkley
James Leonard Barnhardt
Hazel Landreth Brown
Charles Carroll Carpenter
Nelle Rives Cheek
Evelyn Royal Coward
Lillian Beatrice Crisfield
Charles Claxton Dalton
Martha Elizabeth Edwards
Lucian Holmes Fussell
William Irving Garris
Ernest Dewey Hancock
Edith Elizabeth Kyles
Angus Raymond McRacken
Ruby Jane Myers
Blanche Penland
Celeste Lane Penny
Eugene Edwin Pfaff
Coy Tatum Phillips
Thomas Hansard Raney, Jr.
Carl King Rust
Marcus B. Simpson
Frances Smith Stem
Herbert Christopher Wall
Kelley Wallace
Willis Guilford Whichard
James Alfred White
Robin Nathaniel Wooten

Bachelors of Science in Medicine

Hubert Lee Clapp
Roscoe Bennett Gray Cowper
Glenn Souders Edgerton

Bachelors of Science in Civil Engineering

William Lacy Harper
Christopher Cameron Howard
Fred Cathey Rankin

Bachelors of Science in Commerce

Clifford Callcote Branch, Jr.
Newton Sudduth Calhoun, Jr.
William Lytch Carlisle
Dewey Winfred Lambert
Robert Charles Merritt, Jr.
Frank Morrison Scroggs
Frank Phillips Stimson
Homer Jamerson Vernon
Samuel Richardson Wiley
Marshall Franklin Woodall

Bachelors of Laws

John Huske Anderson, Jr.
Balfour Thorn Lord
Francis Ogden Parker
Henry Thurman Powell
William David Pope Sharpe, Jr.
Carl Vernon Venters

Masters of Science

Roy Franklin Abernethy
Ethel May Chapin
William Thompson Holland
Thomas Luther King
Judson Hair Sanders

Masters of Arts

Louise Adams
Florence Elizabeth Ahner
Fannie Mae Ange
Minnie Atkinson
Benjamin Franklin Carpenter
Elizabeth Calvert Couch
Walter Devereaux Creech, Jr.
Claire Janet Douglas
Mary Jane Hill
Minnie Hollowell
Frank Short Howell
Homer Clarence Hudson
Edward Earl Huffman
Sadie Franklin Jenkins
John Bruce Joyner
Crawford Reid McLellan
John Angus McLeod
James Benjamin McMillan
Beverly Turpin Moss
Dorothy Mumford
Frederick Boyden Nims
Jessie Allen Parker
Mabel Allen Powell
Elizabeth Roome
Paul Edmondson Shearin
Catherine Sherard
William Franklin Smith
Cecil Grady Taylor
Lucile Turner
Robert Marsden Wallace
Harriette Wood
Gustie Mae Yarbrough

Doctors of Philosophy

Clayton Brown Alexander
Minnie May Brashear
David Hezekiah Briggs
Peter Archibald Carmichael
Graham Bennett Dimmick
David Ramsey Ergle
John Bryant Gallent
Ralph Clifford Hon
John Holman McFadden
Charles Baskerville Robson
Mary Phlegar Smith
Samuel Denny Smith
Hazel Allison Stevenson

MEDALS, PRIZES, AND FELLOWSHIPS

The Eben Alexander Prize in Greek—Eugene Gabriel Chaoush.

The Bryan Prize in Political Science—Robert Lee Graham, Jr.

Hunter Lee Harris Memorial—James Jeremiah Slade, Jr.

The William Cain Prize in Mathematics.—Abraham Rosenblatt.

The Graham Kenan Fellowship in Philosophy—Peter Archibald Carmichael. L. M. Hatlesbad.

The Mildred Williams Buchan Scholarship in Philosophy—Julia Elizabeth Graham.

The Henderson Prize in Mathematics—James Jeremiah Slade, Jr.

The Hill Law Review Prize—Harry Rockwell.

The Phi Delta Phi Law Review Prize—John Huske Anderson, Jr.

The Smith Prizes for Research:
Languages and Literatures—Arthur Palmer Hudson.
Science—Velma Dare Matthews.
Social Sciences—William Earle Drake.

Delta Sigma Pi Key for Scholarship—Charles Whitlock Banner, Jr.

The Lehn and Fink Medal in Pharmacy—Charles Bion Sears.

The Algernon Sidney Sullivan Award—Ray Simpson Farris.

The Mangum Medal—John Albert Lang.

The Mary D. Wright Memorial Prize in Debate—Joseph Carlyle Williams.

Honors in History and Government—John Brandt, Jr.

Elected to *Phi Beta Kappa*, 1930: J. C. Eagles, President; T. H. Barker, Jr., Vice President; F. M. Adams, R. M. Albright, Jr., M. R. Alexander, K. L. Barkley, S. A. Barrett, C. C. Bell, W. L. Carlisle, R. F. Dewey, T. B. Douglas, Wm. Dunn, Jr., W. C. Dunn, Sara G. Falkener, R. W. Franklin, C. W. Goldston, J. C. Grainger, J. U. Gunter, Jr., C. P. Hayes, Jr., M. G. Henry, A. P. Hudson, F. A. Jones, W. H. Kuralt, J. V. Lindley, J. D. Linker, J. M. Little, Jr., L. F. London, W. H. Maxwell, Jr., B. C. Moore, J. S. Newsom, F. C. O'Neil, W. C. Parker, R. A. Parsley, K. C. Ramsay, Bertha M. Rogers, J. B. Schneider, J. G. Slater, B. E. Smith, W. B. Snow, Jr., S. E. Spitzer, F. P. Spruill, Jr., A. I. Suskin, H. T. Taylor, H. C. Thomas, G. D. Thompson, H. E. Urist, D. A. Ward, B. U. Whitehed, Champ Winstead.

Elected to *Sigma Xi*, 1930: *Alumnus:* William Louis Poteat; *Active:* J. M. Valentine, Velma D. Matthews, D. R. Ergle, W. J. Mattox; *Associate:* R. F. Abernethy, M. L. Braun, W. M. Conn, E. W. Constable, G. L. Donnelly, Nancy B. Eliason, J. B. Gallent, E. S. Gilreath, O. P. Hart, E. E. Huffman, T. L. King, C. M. Lear, A. C. Mathews, Fred Merryfield, K. Z. Morgan, T. L. Noe, Jr., Haywood Parker, Jr., W. O. Puckett, J. H. Sanders, P. E. Shearin, W. F. Smith, Martha R. Ward, L. E. Warrick, T. C. Watkins, Maude Webster, M. D. Whitaker, W. W. Williams, H. H. zurBurg.

Elected to the *Order of the Coif*, 1930: *Honorary:* John Johnston Parker; *Class Members:* J. H. Anderson, Jr., A. W. Gholson, Jr., C. F. Rouse, A. K. Smith.

The Graduate School, 1930-1931

(Note: No distinction is made in this list between admission to the Graduate School and admission to candidacy for a degree. When no institution is mentioned from which the degree was received, the University of North Carolina is understood.)

Abernethy, Cecil Emory ..... Birmingham, Ala.
A.B., Birmingham-Southern College, 1930. First year. *English*

Adams, Mrs. Charlotte G. ..... Chapel Hill
A.B., Flora Macdonald College, 1924. *Sociology, Rural Social Economics*
A.B., 1926. Third year.

Addison, Mattie Mac ..... Chickasha, Okla.
A.B., Oklahoma University, 1918. *Education*
M.S. in Education, *ibid.*, 1929. First year.

Aderholt, Claude Herbert ..... Lincolnton
A.B., Lenoir Rhyne College, 1924. Third year. *Education*

Albritton, Grady George ..... Chapel Hill
B.S., Louisiana State University, 1921. *Chemistry, Physics*
M.S., *ibid.*, 1926. Fourth year.

Alexander, Alexandre Emil ..... Buffalo, N. Y.
B.S., Cornell University, 1929. First year. *Geology*

Alexander, Raymond Richard ..... Chapel Hill
B.A., Wabash College, 1903. First year. *Economics, Commerce*

Anderson, Geneva ..... Maryville, Tenn.
A.B., Maryville College, 1925. First year. *English*

Anderson, James Perrin ..... Ninety-Six, S. C.
A.B., Wofford College, 1923. *History*
A.M., 1927. Fourth year.

Andrews, Columbus ..... Morganton
A.B., 1927. *Rural Social Economics*
A.M., 1928. Third year.

Arnold, Fred ..... Troy, Ala.
B.S., George Peabody College, 1925. *Economics, Geology*
M.A., *ibid.*, 1928. First year.

Ashcroft, Emmett Sams ..... Marshville
B.S., Wake Forest College, 1930. First year. *English*

Atkinson, Wade Hampton, Jr. ..... Washington, D. C.
A.B., 1922. *English*
A.M., 1923. Second year.

Austin, Lucy Estelle ..... Taylorsville
A.B., Elon College, 1924. *Latin*
A.M., 1926. Third year.

Ayres, Charles Lunsford ..... Chapel Hill
B.A., University of Virginia, 1928. First year. *English*

Bailey, James Osler ..... Chapel Hill
A.B., 1924. *English*
A.M., 1927. Fifth year.

Baker, Homer Reid ..... Matthews
A.B., Erskine College, 1924. Second year. *Chemistry, Physics*

Banner, Carolyn Rose ..... Columbus, Ga.
B.A., Florida State College for Women, 1929. Second year. *English*

Banner, Charles Whitlock ..... Greensboro
S.B. in Commerce, 1930. First year. *Economics, Commerce*

Barber, Ira Wilson, Jr. ..... Mount Airy
A.B., Furman University, 1930. First year. *History, Government*

Barnes, Sherman Bisbee.....Larchmont, N. Y.
A.B., Columbia University, 1929. Second year. *History, Government*

Baucom, Clifford Randall.....Marshville
Candidate for A.B. in Education, 1931. First year. *Education*

Baugh, Ethel Irene.....Raleigh
A.B., North Carolina College for Women, 1922. First year. *Education*

Bayroff, Gustavus Abram.....Bayonne, N. J.
B.S., New York University, 1927. *Psychology*
A.M., 1929. Fourth year.

Belcher, Robert Herschel.....Cairo, Ga.
B.S., Georgia State College for Men, 1930. First year. *Chemistry, Physics*

Bell, Martha.....Dawson, Ga.
A.B., Brenau College, 1924. Second year. *Latin, History*

Betts, Mildred Garner.....Sunbury
A.B., University of Chattanooga, 1925. Second year. *Spanish, French*

Boney, Inez Crump.....Elon College
A.B., 1928. Second year. *Rural Social Economics, Government*

Braddy, Ann Wishart.....Dublin, Ga.
B.A., Converse College, 1916. First year. *English*

Bradham, George Washington.....New Bern
A.B., 1930. First year. *History, Government*

Brainard, Harry Gray.....Spencerport, N. Y.
S.B. in Commerce, 1930. First year *Economics, Commerce*

Brown, Henry Nicholas, III.....Chapel Hill
A.B. in Education, 1929. First year. *Sociology*

Bryan, Thomas Conn.....Asheville
A.B., Duke University, 1926. First year. *History, Government*

Bryant, Loy Young.....Atlanta, Ga.
A.B., Mercer University, 1930. First year. *English*

Buchanan, Maude.....Columbia
A.B., Chowan College, 1927. Third year. *Latin, English*

Buck, Hope.....Bald Mountain
A.B., Randolph-Macon Woman's College, 1928. First year. *History*

Bullock, John David, Jr.....Rocky Mount
A.B., 1929. First year. *History*

Bundrick, Olin Wyse.....Greenville, S. C.
A.B., Newberry College, 1917. Second year. *Education*

Buttitta, Anthony James.....Raleigh
B.A., University of Texas, 1929. Second year. *English*

Byerly, Kenneth Rhodes.....Milwaukee, Wis.
B.B.A., University of Minnesota, 1930. First year. *Geology*

Byrd, Ralph Milledge.....Charleston, S. C.
B.S., The Citadel, 1923. *Chemistry, Physics*
S.M., 1925. Third year.

Caldwell, Elizabeth.....Yazoo City, Miss.
A.B., Belhaven College, 1927. Second year. *History, Government*

Caldwell, Joseph McKee.....Indiana, Pa.
A.B., University of Michigan, 1924. First year. *History*

Cameron, Edward Alexander.....Southern Pines
A.B. in Education, 1928. Third year. *Mathematics*
A.M., 1929.

Carmichael, Kate J.....Chapel Hill
B.S., North Carolina College for Women, 1909. *English*
A.M., 1929. Third year.

Carmichael, Peter Archibald.....Anniston, Ala.
B.S., Johns Hopkins University, 1927. *Philosophy, Government*
M.A., Columbia University, 1928.
Ph.D., 1930. Third year.

Carroll, Hardy Abram.....Chapel Hill
A.B., Guilford College, 1914. Second year. *Education, Geology*

Carroll, John Erwin, Jr. — York, S. C.
B.S., The Citadel, 1923. *French, Spanish*
A.M., 1928. Fourth year.

Catlin, Ruth Madeline — Glen Ellyn, Ill.
B.S., University of Wisconsin, 1922. First year. *Sociology, Economics*

Cauble, Franklin Pierce, Jr. — High Point
A.B., Lenoir Rhyne College, 1926. *English*
A.M., University of South Carolina, 1929. Second year.

Chamberlain, Oliva Hart — Lincolnton
A.B., 1930. First year. *Philosophy, Government*

Chapin, Ethel May — Lorain, Ohio
B.S., University of Chattanooga, 1925. *Chemistry, Mathematics*
S.M., 1930. Third year.

Chase, Harold Mason — Danville, Va.
S.B., Massachusetts Institute of Technology, 1896. Second year. *Chemistry*

Cheek, John Morgan — Sparta
A.B., 1893. *Philosophy, Education*
A.B., Harvard University, 1895. Third year.

Cheek, Philip Macon — Chapel Hill
A.B., 1928. *Latin, Greek*
A.M., August 1928. Third year.

Clapp, Milton, Jr. — Gastonia
A.B., 1927. First year. *Chemistry, Physics*

Clark, Joseph Leon — Walters, La.
A.B., Louisiana College, 1924. *Education, Rural Social Economics*
A.M., 1927. Third year.

Coker, Edward Caleb, Jr. — Columbia, S. C.
B.S., University of South Carolina, 1928. *Mathematics*
A.M., 1930. Third year.

Collins, Ralph Stokes — Ayden
A.B., 1930. Second year. *German, English*

Conn, Miller Wade — Hazelhurst, Miss.
A.B., Mississippi College, 1929. *Chemistry, Physics*
A.M., 1930. Second year.

Constable, Ernest William — Durham
B.S., N. C. State College, 1921. *Chemistry, Biology*
S.M., 1925. Third year.

Corbitt, Duvon Clough — Chapel Hill
A.B., Asbury College, 1923. *History*
M.A., Emory University, 1926. Second year.

Cornell, William Augustus — Evansville, Wis.
Ph.B., University of Wisconsin, 1923. *Sociology, Psychology*
A.M., Universtiy of Chicago, 1927. First year.

Cox, Floyd Milton — Climax
A.B., Guilford College, 1929. Second year. *Education*

Creech, Susan Crawford — Goldsboro
A.B., Meredith College, 1925. *Special*
M.A., Columbia University, 1926. First year.

Creech, Walter Devereaux, Jr. — Goldsboro
A.B., 1928. *French, Spanish*
A.M., 1930. Third year.

Crook, Rachel — Union Springs, Ala.
B.S., Alabama Polytechnic Institute, 1928. *Sociology, Rural Social Economics*
M.S., *ibid.*, 1930. First year.

Crossen, Helen Jameson — Montrose, Pa.
A.B., Berea College, 1930. Second year. *English*

Cubbage, Saylor Casper — Mount Airy
A.B., Bridgewater College, 1926. First year. *Chemistry, Physics*

Curtis, William Rodolph — Franklinville
A.B. in Education, 1930. First year. *Economics*

Darden, Mrs. Bernice Spear — Kinston
B.S., State Teachers College, 1926. First year. *Education*

Dendy, Jack Styles.....Walhalla, S. C.
B.S., Presbyterian College of S. C., 1930. First year. *Zoölogy, Botany*

Denson, Charles Alexander.....Tarboro
A.B., 1926. Second year. *Mathematics*

Denton, Virginia Lyn.....Marks, Miss.
A.B., University of Mississippi, 1929. *Sociology, Rural Social Economics*
A.M., 1930. Second year.

Derrick, Samuel Melanchthon.....Columbia, S. C.
A.B., Newberry College, 1917. *Rural Social Economics, Economics*
M.A., University of South Carolina, 1920. Second year.

Dickson, Maxcy Robson.....Marion, S. C.
A.B., Wofford College, 1925. Third year. *History, Government*

Dietrick, Laurabelle Sampson.....Los Angeles, Cal.
A.B., Northwestern University, 1904. *Special*

Dillin, Harry Leslie.....Chapel Hill
A.B., St. Stephen's College, 1928. *Economics, Mathematics*
A.B., 1930. Second year.

Dirnberger, Mary Catherine.....West Park, N. Y.
A.B., 1929. First year. *English*

Dosier, John Perry.....Greensboro
B.S., High Point College, 1930. First year. *Chemistry*

Downs, John Ayman.....Chapel Hill
A.B., 1927. *French, Spanish*
A.M., 1929. Third year.

Drane, Leslie Robinson.....Starkville, Miss.
B.S., Mississippi A. and M. College, 1930. First year. *Commerce, Education*

DuPuis, Elroy.....Chapel Hill
A.B., University of Georgia, 1928. First year. *English, History*

Edmonds, Anne Gordan.....Danville, Va.
A.B., St. Genevieve's College, 1930. First year. *French, Latin*

Edwards, Martha Elizabeth.....Portsmouth, Va.
A.B. in Education, 1930. First year. *History, Latin*

Egleston, Louise Aiken.....Hartsville, S. C.
A.B., Coker College, 1930. First year. *English*

Eliason, Mary Howell.....Statesville
A.B., North Carolina College for Women, 1925. *English*
A.M., 1927. Second year.

Elliott, Flavel Scott.....Newington, Conn.
A.B., Dartmouth College, 1928. First year. *English*

Elliott, Van Courtland.....Chapel Hill
A.B., Bowdoin College, 1928. *Latin, Greek*
A.M., 1929. Second year.

Ezell, William Curtis.....Spartanburg, S. C.
A.B., Wofford College, 1930. First year. *Sociology, Philosophy*

Farris, Carl Vernon.....High Point
A.B., John B. Stetson University, 1914. *History, Government*
A.M., *ibid.*, 1916.
LL.B., *ibid.*, 1928. Second year.

Figgat, William Burnett.....Roanoke, Va.
B.S., Roanoke College, 1927. Second year. *English*

Fleming, George Hoenshel.....Sharon, Pa.
B.S., Pennsylvania State College, 1930. First year. *Chemistry*

Fort, William Edwards, Jr.....Birmingham, Ala.
B.S., Georgia School of Technology, 1930. First year. *Philosophy*

Foster, Homer Lewis.....Durham
A.B., Elon College, 1926. Second year. *Education*

Frazier, Grace Genevieve.....Greensboro
B.A., North Carolina College for Women, 1926. First year.
French, Comparative Literature

Fuller, Selma McComas.....Chapel Hill
A.B., 1927. *Zoölogy*
A.M., 1928. Second year.

Garlick, Edna Elizabeth.....Henderson
Candidate for A.B. in Education, 1931. First year. *Education*

Garrett, Robert Lee.....Bowdoin, Ga.
B.S., University of Georgia, 1926. *Mathematics*
A.M., 1930. Second year.

Geiger, Victoria Pauline.....Brooklyn, N. Y.
B.A., Adelphia College, 1929. *English, French*

Gilreath, Esmarch Senn.....North Wilkesboro
A.B., 1926. *Chemistry, Physics*
A.M., 1927. Third year.

Glenn, William Darby, Jr.....Brooklyn, N. Y.
A.B., 1921. *Psychology, Neurology*
A.M., 1927. Third year.

Grubbs, William McKinley.....Mars Hill
A.B., Wake Forest College, 1927. Second year. *Government, History*

Gwynn, Janie Stacy.....Chapel Hill
B.D., North Carolina College for Women, 1915. *French, Spanish*
A.B., *ibid.*, 1924. First year.

Hampton, Lelia.....Chapel Hill
A.B., North Carolina College for Women, 1924. Third year. *English*

Hampton, Lou Frances.....Leaksville
A.B., North Carolina College for Women, 1930. First year. *Sociology, History*

Harbin, Mary Katherine.....Mullins, S. C.
A.B., Lander College, 1927. Second year. *English*

Harrill, Clive Vergil.....Shelby
B.A., Wake Forest College, 1926. First year. *Chemistry, Physics*

Harris, Hannah Margaret.....Hyannis, Mass.
Ph.B., Cornell University, 1894. First year. *Special*

Harris, William Durham.....Asheville
A.B., College of William and Mary, 1916. *Government, History*
LL.B., 1922. First year.

Hatlestad, Lawrence Marshall.....Milton Junction, Wis.
Ph.B., Milton College, 1928. *Philosophy, Psychology*

Hayes, Francis Clement.....Asheville
A.B., 1928. *Spanish, French*
M.A., Colgate University, 1930. First year.

Haynes, Laurine.....Greenville, S. C.
A.B., Coker College, 1925. *Latin, French*
A.M., 1928. Third year.

Helms, Herman Bernard.....Monroe
A.B., Wake Forest College, 1930. First year. *Psychology*

Henry, Nell Quinby.....Pacolet, S. C.
A.B., Lander College, 1927. First year. *Botany, Zoölogy*

Herman, Theodore Frederick, Jr.....Lancaster, Pa.
A.B., Franklin and Marshall College, 1929. First year. *English*

Hight, Margaret Ellen.....Henderson
A.B., North Carolina College for Women, 1925. First year. *History, Government*

Hillhouse, Albert Miller.....Columbia, S. C.
A.B., Davidson College, 1924. Second year. *Economics, Commerce*

Holland, William Thompson.....Charlotte
S.B. in Geology, 1930. *Geology*
S.M., August, 1930. Second year.

Hollet, Arthur Russell.....Chapel Hill
S.B. in Civil Engineering, 1928. Third year. *Civil Engineering*

Hollingsworth, Robertson Rily.....Chapel Hill
A.B., University of Washington, 1915. *Education*
A.M., *ibid.*, 1916.
M.A., Columbia University, 1921. First year.

Holroyd, George Clinton.....Winston-Salem
S.B. in Chemistry, 1928. *Chemistry, Physics*
S.M., 1929. Second year.

Horner, George Frederick.....York, Pa.
A.B., Pennsylvania State College, 1921. *English*
M.A., *ibid.*, 1924. Third year.

Howell, James.....Wilkesboro
A.B., Guilford College, 1925. Fourth year. *English*

Huggins, Maloy Alton.....Raleigh
A.B., Wake Forest College, 1912. *Education, History*
A.M., *ibid.*, 1915.
A.M., 1929. Second year.

Hughes, Ausker Edward.....Chapel Hill
B.S., Carson-Newman College, 1927. *Chemistry, Physics*
S.M., 1928. Fourth year.

Hunnicutt, Edward Harold.....Washington, D. C.
A.B., George Washington University, 1929. First year. *History*

Hunsaker, Richard Orr.....Memphis, Tenn.
A.B., Southwestern University, 1929. Second year. *English*

Hunter, Elwood Cartelyou.....Tobaccoville
A.B., 1929. *Education*
A.M., 1930. Third year.

Irish, Elizabeth.....Lowell, Mass.
A.B., Smith College, 1915. First year. *Education*

Jenkins, Sadie Franklin.....Nashville
A.B., Greensboro College, 1921. *English*
A.M., 1930. Second year.

Johnson, Basil Howard.....Zebulon
B.A., Wake Forest College, 1913. First year. *Education*

Jones, Alice Freeman.....Salemburg
A.B., Meredith College, 1930. First year. *History*

Jones, Bernard Huyette.....Durham
A.B., Duke University, 1929. Second year. *History*

Jones, Edith Gertrude.....Eccles, W. Va.
B.A., Lincoln Memorial University, 1929. Second year. *English*

Justice, Lois.....Rutherfordton
A.B., North Carolina College for Women, 1926. First year. *English*

Killinger, George Glenn.....Marion, Va.
A.B., Wittenberg College, 1930. First year. *Psychology*

Kimmel, Herbert.....Greensboro
A.B., Indiana University, 1908. *Education*
Ph.M., University of Chicago, 1909. First year.

King, Edna Coates.....Chapel Hill
A.B., North Carolina College for Women, 1927. Second year. *History*

King, Max Oscar.....Ariton, Ala.
A.B., Howard College, 1921. *Botany, Zoölogy*
M.S., Tulane University, 1925. First year.

King, Thomas Luther.....Tifton, Ga.
B.S., Emory University, 1929. *Chemistry, Physics*
S.M., 1930. Second year.

Lang, John Albert.....Carthage
A.B., 1930. Second year. *History, Government*

Lanham, Louise.....Spartanburg, S. C.
A.B., Randolph-Macon Woman's College, 1906. *English*
A.M., 1927. Third year.

Lawrence, Alfred Stratton.....Chapel Hill
A.B., Columbia University, 1902. *History, Government*
A.M., *ibid.*, 1905. Fourth year.

Lear, Charles Merritt.....Chapel Hill
S.B. in Electrical Engineering, 1930. First year. *Electrical Engineering*

LeConte, Joseph Nisbet.....Atlanta, Ga.
A.B., Emory University, 1927. *Chemistry, Physics*
M.S., *ibid.*, 1929. First year.

Lentz, Ada Lillian.....Gold Hill
B.S., North Carolina College for Women, 1914. Second year.
Education, Psychology

Lindquist, Ruth.....Dundee, Minn.
B.S., University of Minnesota, 1916. *Sociology, Economics*
A.M., University of Chicago, 1922. Third year.

Linker, Robert White.....Chapel Hill
A.B., 1925. *French*
A.M., 1928. Fourth year.

Ljung, Harvey Albert.....Greensboro
B.S., 1927. *Chemistry, Physics*
A.M., 1928. Fourth year.

London, Lawrence Foushee.....Pittsboro
Candidate for A.B., 1931. First year. *History*

Love, Virginia May.....Cliffside
A.B., Agnes Scott College, 1928. First year. *Education, Mathematics*

Lyon, Norman Wilson.....Wyalusing, Pa.
A.B., Dickinson College, 1925. *Psychology*
M.A., Columbia University, 1930. First year.

Lyon, Ralph Muse.....Abbeville, S. C.
B.S., The Citadel, 1923. *Education, History*
A.M., 1926. Third year.

Maclachlan, John Miller.....Jackson, Miss.
B.A., Millsaps College, 1930. First year. *Sociology, Rural Social Economics*

McConnell, John Paul.....Nashville, Tenn.
A.B., Lynchburg College, 1921. *Sociology, Psychology*
A.M., College of William and Mary, 1923. Fourth year.

McCoy, Samuel Jesse.....Holly Hill
A.B., Wofford College, 1925. *English*
A.M., Duke University, 1929. Third year.

McDowell, David Franklin.....Perry, Fla.
A.B., University of Florida, 1924. *Spanish, French*
M.A., *ibid.*, 1928. Second year.

McIntosh, Charles Eugene.....Chapel Hill
A.B., 1911. Second year. *Education*

MacKay, Eunice Stacy.....Wilson
A.B., 1929. Second year. *English*

McLaughlin, Calvin Sturgis.....Charlotte
Candidate for A.B. in Education, 1931. First year. *Chemistry*

McLean, Arthur Bennett.....Chapel Hill
A.B., University of Alabama, 1927. *English*
M.A., *ibid.*, 1928. First year.

McLeod, William Milton.....Florence, S. C.
A.B., Wofford College, 1921. *French, Spanish*
A.M., 1930. Third year

McNeil, John Milton.....Wilkesboro
A.B., 1929. Second year. *Government, History*

McPherson, Elizabeth Gregory.....Shiloh
A.B., 1923. *History*
A.M., 1925. Third year.

McQueen, William Browne, Jr.....Raeford
A.B., Davidson College, 1929. Third year. *English*

Maddry, Charles Alexander.....Durham
A.B., Wake Forest College, 1930. First year. *Philosophy, English*

Mahler, Andrew John.....Wilmington
B.A., Wagner College, 1925. *English*
M.A., Columbia University, 1926. Second year.

Martin, Donald Fraser, Jr.....Flemington, Ga.
A.B., Davidson College, 1929. Second year. *Economics*

Martin, Katherine ..... Burlington
A.B. in Education, 1927. First year. *Education*

Martin, Leo DeWitte ..... Elon College
A.B., Elon College, 1919. *History, Government*
A.M., 1921. Second year.

Matheson, Donald Stuart ..... Hillsboro
B.S., North Carolina State College, 1925. Second year. *Rural Social Economics*

Mathews, Andrew Clark ..... Magnolia
A.B., 1928. Second year. *Botany, Zoölogy*

Matthews, Rudolph Samuel ..... Florence, S. C.
A.B., 1925. Third year. *German, French*

Mattox, William Judson ..... Chapel Hill
A.B., Mississippi College, 1928. Third year. *Chemistry, Physics*

Maurice, Charles Stewart ..... Eagle Springs
A.B., Princeton University, 1926. Second year. *Geology*

Meade, Robert Douthat ..... Danville, Va.
A.B., Virginia Military Institute, 1924. Second year. *History*
M.A., University of Virginia, 1926.

Meares, Kate deRosset ..... Columbia, S. C.
A.B., 1920. *Latin, History*
A.M., 1926. Third year.

Mellen, Frederick Davis ..... Starkville, Miss.
A.B., Millsaps College, 1903. *English*
M.A., University of Chicago, 1928. First year.

Merritt, William Edgar ..... Chapel Hill
A.B. in Education, 1930. First year. *History, Government*

Metz, George Albert ..... Fayetteville
A.B., Newberry College, 1926. Second year. *Psychology, Sociology*

Miller, Margaret Beaufort ..... Russellville, Tenn.
A.B., University of Tennessee, 1929. First year. *English*

Mills, Jesse Benton ..... Polkton
A.B., 1930. First year. *Chemistry, Physics*

Mitchell, Adolphus ..... Kinston
S.B. in Civil Engineering, 1930. First year. *Engineering, Mathematics*

Morgan, Elford Chapman ..... Spartanburg, S. C.
A.B., Wofford College, 1927. Second year. *English*

Morgan, William Watson ..... Asheville
B.A., Wake Forest College, 1925. First year. *Psychology*

Moseley, Joseph Rufus ..... Bryon, Ga.
B.S., Emory University, 1926. *Mathematics*
M.S., *ibid.*, 1926. Second year.

Moses, Walter Laurens ..... Durham
A.B., 1928. Second year. *English*

Mulkey, Harry Butler ..... Chapel Hill
B.S., Clemson College, 1921. Second year. *Physics, Mathematics*

Neal, Charles Cleveland, Jr. ..... Demorest, Ga.
A.B., Piedmont College, 1929. First year. *French, Spanish*

Neal, Dorothy Amelia ..... Demorest, Ga.
A.B., Piedmont College, 1929. First year. *Spanish, French*

Norburn, Martha Elizabeth ..... Asheville
B.A., St. Genevieve's College, 1926. *Geology*
M.A., University of Michigan, 1929. Second year.

Parlette, Mathilde Mayer ..... Ledger
A.B., Smith College, 1913. Third year. *English, Comparative Literature*

Patrick, James Ruey ..... Athens, Ohio
B.A., University of Georgia, 1925. *Psychology, Sociology*
M.A., *ibid.*, 1926. Third year.

Pearson, Ruth Hazel ..... Dudley
A.B., Guilford College, 1923. Second year. *French, Spanish*

Perkins, Ida Howard.....Hendersonville
A.B., DePauw College, 1924. First year. *French*

Perry, Louise Sublette.....Swannanoa
B.S. in Education, Northeast Missouri State Teachers College, 1927. First year. *English*

Phillips, Elias Hiester.....Reading, Pa.
A.B., Franklin and Marshall College, 1930. First year. *English*

Pittana, John Baptist.....Udine, Italy
S.B. in Mechanical Engineering, 1930. First year. *Engineering*

Polhill, Emmie Frances.....Decatur, Ala.
A.B., Judson College, 1930. Second year. *Government, History*

Pool, Edith Irene.....Carrboro
A.B., Duke University, 1930. First year. *Education*

Potter, Ferdinand Willard.....Stackhouse
Ph.B., Brown University, 1926. First year. *English*

Preston, Stanley Wales.....Chapel Hill
B.A., Boston University, 1929. *Economics, Commerce*
A.M., 1930. Third year.

Puckett, Louise.....Cornelius
A.B., North Carolina College for Women, 1929. First year. *History*

Puckett, William Olin.....Cornelius
A.B., Davidson College, 1927. Second year. *Zoölogy*

Rackley, Lloyd Ernest.....Johnson City, Tenn.
B.S., George Peabody College, 1925. *Psychology*
M.A., *ibid.*, August, 1925. First year.

Ramsey, Verna Leiper.....Marshall
A.B., Tusculum College, 1928. *Second year.* *Education*

Raper, Arthur Franklin.....Atlanta, Ga.
A.B., 1924. Sociology
M.A., Vanderbilt University, 1925. Fourth year.

Reinecke, Clara Belle.....New York, N. Y.
A.B., Western Maryland College, 1925. First year. *Sociology*

Reynolds, Cosa Elizabeth.....Winston-Salem
A.B., Salem College, 1926. First year. *English*

Richmond, Thomas Wilmer.....Rocky Mount
B.S., Wake Forest College, 1928. First year. *Chemistry, Physics*

Rigley, Robert Lee.....South Bend, Ind.
A.B., Notre Dame University, 1930. First year. *Latin, Greek*

Robey, Howard Cole.....Mannington, W. Va.
A.B., West Virginia Wesleyan College, 1928. First year. *Spanish, French*

Roome, Elizabeth.....Sisterville, W. Va.
B.S. in Education, Columbia University, 1924. *Education, Psychology*
A.M., 1930. Second year.

Rowe, James Burnett.....Charlotte
A.B., Duke University, 1930. First year. *Economics, Engineering*

Ruskin, Mildred Jeannette.....Cleveland, Ohio
B.A., Western Reserve University, 1928. First year. *English, Spanish*

Russell, Harry Kitsun.....Chapel Hill
A.B., Davidson College, 1923. *English*
A.M., 1928. Fourth year.

Sanders, Jeptha P.....Chapel Hill
B.S., University of Georgia, 1923. *Chemistry, Physics*
M.S., Iowa State College, 1924. Third year.

Sartain, Auxford Sumner.....Troy, Ala.
A.B., University of Alabama, 1916. *History*
M.A., Columbia University, 1927. First year.

Sartain, Claire Paulk.....Troy, Ala.
A.B., Woman's College of Alabama, 1916. First year. *English*

Schnell, Herman Walker.....Chapel Hill
A.B., 1930. First year. *History, Economics*

Scott, John Walter.....Long Island, N. Y.
A.B., Dartmouth College, 1929. First year. *English*

Sensabaugh, George Frank.....Tulsa, Okla.
B.A., Vanderbilt University, 1928. *English*
A.M., 1930. Third year.

Shaw, Chandler.....Chapel Hill
A.B., Rollins College, 1919. *History, Latin*
A.M., 1930. Third year.

Shaw, Hubert de Grofeur.....Chapel Hill
A.B., Harvard University, 1893. *Chemistry*
Ph.D., Ohio University, 1894. First year.

Shearin, Paul Edmondson.....Essex
A.B. in Education, 1929. *Physics, Mathematics*
A.M., 1930. Second year.

Shelton, Wallace Augustus.....Mount Airy
Candidate for A.B. in Education, 1931. First year. *Education*

Shields, Archibald Kenneth.....Brandon, Miss.
A.B., Millsaps College, 1927. *Spanish, French*
A.M., 1930. Third year.

Shine, Hill.....Chapel Hill
A.B., 1921. *English*
A.M., 1925. Fifth year.

Simons, Manning Alexander.....Charleston, S. C.
A.B., Washington and Lee University, 1927. *Psychology, Education*
M.A., *ibid.*, 1928. Third year.

Simpson, Howard Holmes.....Roxboro
A.B. in Education, 1930. Second year. *Education, History*

Sinclair, Robert Basil.....Oxford, Ohio
A.B., Indiana University, 1921. *English*
A.M., Columbia University, 1922. First year.

Siniavsky, Boris Michael.....New York, N. Y.
B.S., New York University, 1930. First year. *Commerce*

Skaggs, Marvin Lucian.....Chapel Hill
A.B., University of Richmond, 1921. *History*
A.M., 1929. Third year.

Smiley, Wendell Wayne.....Bushnell
A.B., 1928. Second year. *Education*

Smith, Alma.....Middlesex
A.B., Elon College, 1926. First year. *English, History*

Smith, Atherton Carlyle.....Vineyard Haven, Mass.
B.S., Tufts College, 1923. *Sociology*
A.M., Boston University, 1928. First year.

Smith, William Franklin.....Chadbourne
A.B., 1929. *Chemistry, Physics*
A.M., 1930. Second year.

Speer, Mary Lucille.....Boonville
A.B., Meredith College, 1927. Second year. *Mathematics*

Stainback, Raymond Franklin.....Chapel Hill
S.B. in Electrical Engineering, 1926. Third year.
Electrical Engineering, Mathematics

Stephenson, Irving Joseph.....Angier
A.B., 1923. Third year. *Mathematics, Education*

Stevens, Emily White.....Jackson, Miss.
A.B., Millsaps College, 1929. Second year. *Sociology, Rural Social Economics*

Stevens, Stanley Scott.....Demorest, Ga.
Ph.B., Piedmont College, 1928. First year. *Sociology, Rural Social Economics*

Stevens, Elizabeth Phillips.....Demorest, Ga.
B.S., Piedmont College, 1929. First year. *Chemistry, Zoölogy*

Stewart, James William.....Beaufort
A.B., George Washington, 1927. Second year. *Education, Psychology*

Stockton, Carrie May ..... Winston-Salem
A.B., Salem College, 1930. First year. *Spanish, French*

Stroup, Thomas Bradley ..... Chapel Hill
A.B., 1926. *English*
A.M., 1927. Third year.

Taylor, George Floyd ..... Franklin Springs, Ga.
A.B., 1928. Second year. *History*

Terry, Edward Allison ..... Millbrook, Ala.
B.S., Alabama Polytechnic Institute, 1921. *Rural Social Economics*
M.S., *ibid.*, 1927. Third year.

Thach, Harry Smith ..... Chapel Hill
A.B., University of Florida, 1930. First year. *English*

Troutman, Margaret Louise ..... Statesville
Candidate for A.B. in Education, 1930. *English*

Tufts, Margaret ..... Banner Elk
A.B., Agnes Scott College, 1926. First year. *English*

Turner, James Otho ..... McCool, Miss.
B.A., Mississippi College, 1930. First year. *Chemistry, Physics*

Tyer, Kathleen ..... Chapel Hill
A.B., Blue Mountain College, 1928. First year. *English*

Upshaw, Ora Emily ..... Covington, Ga.
B.A., Shorter College, 1925. First year. *English*

Vance, Rheba Ceceile ..... Chapel Hill
B.S., Coker College, 1929. First year. *Sociology*

Vandiver, Edward Pinckney, Jr. ..... Anderson, S. C.
B.A., Furman University, 1922. *English*
A.M., 1928. Fourth year.

Vest, Mary Lucile ..... Winston-Salem
A.B., Salem College, 1930. First year. *French, Spanish*

Watson, John Dargan ..... Greenwood, S. C.
B.A., Furman University, 1925. *Engineering*
S.B. in Civil Engineering, 1928. First year.

Watters, Mary ..... Haynesville, La.
A.B., Ouachita College, 1917. *History, Government*
A.M., Baylor University, 1923. Third year.

Way, Evelyn Lee ..... Raleigh
A.B., Sweet Briar College, 1925. *Latin, History*
A.M., 1930. Second year.

Webb, Edith ..... Oxford
A.B., North Carolina College for Women, 1930. First year. *Sociology, Psychology*

Wells, Mitchell Preston ..... Edgefield, S. C.
A.B., University of South Carolina, 1925. Second year. *English*

Wharton, Vernon Lane ..... Slidell, La.
A.B., Millsaps College, 1928. Second year. *History*

White, William Alexander ..... Paterson, N. J.
A.B., Duke University, 1930. Second year. *Geology*

Whitener, Daniel Jay ..... Chapel Hill
A.B., 1922. *History, Government*
A.M., 1923. Third year.

Whittenton, William Ranson ..... Benson
Candidate for A.B. in Education, 1931. First year. *Mathematics*

Williams, Lena Mae ..... Chapel Hill
A.B., 1930. Second year. *Sociology, Public Welfare*

Williams, Lyle Lyndon ..... East Bend
B.S., Guilford College, 1922. *Zoölogy*
A.M., 1927. Third year.

Willams, Mary Ruth ..... Greenville, S. C.
A.B., Lander College, 1927. Second year. *History, Sociology*

Wilson, Flora Prevatte ..... Durham
A.B., 1929. First year. *Education*

Wilson, Jesse Carl.....Chapel Hill
A.B., Furman University, 1925. Third year. *History, Government*

Wilson, William Lester.....Chapel Hill
B.A., Piedmont College, 1921. *English*
A.M., 1928. Fourth year.

Winkler, Edwin Weems.....Chapel Hill
B.S., Montana State College, 1928. Second year. *Engineering*

Winslow, Rex Shelton.....Chapel Hill
A.B., Simpson College, 1923. *Economics, Commerce*
M.A., University of Illinois, 1929. Second year.

Wise, Percy.....Batesburg, S. C.
A.B. in Education, University of South Carolina, 1927. Second year. *French, Spanish*

Withers, Arthur Speece.....Abingdon, Va.
A.B., Emory and Henry College, 1917. *English*
M.A., Vanderbilt University, 1927. Second year.

Woltz, Claude Bernard.....Dobson
A.B., 1915. First year. *Education, History*

Wright, Thomas Ewell.....Chapel Hill
A.B., 1922. *French*
A.M., 1926. Sixth year.

Wynne, Waller, Jr.....Charlotte
A.B., University of Richmond, 1928. *Sociology, Psychology*
A.M., Duke University, 1929. Second year.

Yancey, Myra Lois.....Colorado Springs, Colo.
A.B., University of Illinois, 1921. *Spanish, French*
M.A., Ohio State University, 1926. First year.

Yarborough, Mary Wiatt.....Louisburg
A.B., Smith College, 1926. First year. *History*

Young, Ina Vivian.....Durham
A.B., Trinity College, 1917. Fifth year. *Sociology, Education*

Young, Newton Clifford.....Chapel Hill
B.S., Millsaps College, 1925. First year. *Sociology, Rural Social Economics*

Zorn, Blanche C.....Hoboken, N. J.
B.S., New York University, 1930. First year. *Psychology*

zurBurg, Henry Herman.....Asheville
A.B., 1930. Second year. *Physics, Mathematics*

THE CATALOGUE OF GRADUATE STUDENTS

Summer School 1930

(Note: No distinction is made in this list between admission to the Graduate School and admission to candidacy for a degree. When no institution is mentioned from which the degree was received, the University of North Carolina is understood.

The figure 1 after a name indicates that the student attended the first term; the figure 2 that he attended the second term; and the figures 1, 2, that he attended both terms.)

Abell, Sheffield Horace, 1, 2 ..... Yanceyville
A.B., Elon College, 1925. *Education, English*

Abernethy, Cecil Emory, 1, 2 ..... Birmingham, Ala.
A.B., Birmingham-Southern College, 1930. *English*

Abernethy, Fred, 1 ..... Marion
A.B., Lenoir Rhyne College, 1924. *Education, Rural Social Economics*

Abernethy Roy Franklin, 1, 2 ..... Hickory
S.B. in Chemistry, 1929. *Chemistry, Physics*

Adams, Franklin Le Verne, 2 ..... Rowland
A.B., 1925. *Education, English*

Adams, Louise, 1, 2 ..... Pleasant Garden
A.B., High Point College, 1929. *Mathematics, Education*

Ahner, Florence Elizabeth, 1, 2 ..... Brooklyn, N. Y.
A.B., Adelphi College, 1929. *English*

Akers, John McCorkle, 1 2 ..... Charlotte
A.B., Davidson College, 1928. *Education*

Albritton Grady George, 1, 2 ..... Farmerville, La.
B.S., Louisiana State University, 1921. *Chemistry, Physics*
M.S., *ibid.*, 1926.

Alderman, A. Bennett, 1 ..... Beulaville
B.A., Wake Forest College, 1924. *Education, Mathematics*

Alexander, Clayton Brown, 2 ..... Matthews
A.B., Davidson College, 1919. *History*
A.M., 1923.

Anderson, James Perrin, 1, 2 ..... Ninety-Six, S. C.
A.B., Wofford College, 1923. *History, Education*
A.M., 1927.

Andrews, L. Earl, 1 ..... High Point
B.A., Wake Forest College, 1924. *Education, English*

Ange, Fannie Mae, 1, 2 ..... Winterville
A.B., Meredith College, 1926. *Mathematics, Physics*

Angel, Grover La Marr, 1, 2 ..... Mars Hill
A.B., High Point College, 1929. *English, Education*

Antonakos, Antonios, 1, 2 ..... High Point
B.S., High Point College, 1929. *Chemistry, Physics*

Atkinson, Minnie, 2 ..... Winston-Salem
Ph.B., Elon College, 1919. *Education*

Austin, Lucy Estelle, 1, 2 ..... Taylorsville
A.B., Elon College, 1924. *Latin*
A.M., 1926.

Austin, Vernon C., 1 ..... Monroe
B.S., University of Virginia, 1929. *Education*

Bain, Terry Reid, 1 ..... Dunn
B.A., Wake Forest College, 1922. *English*

Baker, Homer Reid, 1, 2.....Weaverville
A.B., Erskine College, 1924. *Chemistry, Physics*

Banner, Carolyn Rose, 1.....Columbus, Ga.
A.B., Florida State College for Women, 1929. *English*

Barden, John Glenn, 1.....Goldsboro
A.B., 1922. *Education*
M.A., Columbia University, 1924.

Barefoot, William Jefferson, 1.....Battleboro
A.B., 1922. *Education, History*

Barker, Jesse Robert, 1.....Burlington
A.B., Elon College, 1924. *Education*

Barnes, Bahnson Neil, 1, 2.....Lumberton
B.A., Wake Forest College, 1926. *Education*

Barnes, Sherman Bisbee, 2.....Larchmont, N. Y.
A.B., Columbia University, 1929. *History, Government*

Barron, Davis Nye, 1, 2.....Collegeboro, Ga.
B.S., Mississippi A. and M. College, 1915. *Economics, Sociology*
M.A., George Peabody College, 1927.

Bass, Ernest Brevard, 1.....Statesville
A.B., Erskine College, 1925. *Education*

Baucom, James Conley, 2.....Unionville
S.B. in Commerce, 1928. *Education, Economics*

Beale, Jesse Jordan, 1.....Potecasi
A.B., 1923. *Education, French*

Beatty, Harley Connell, 1.....Stanley
A.B. in Education, 1927. *Education*

Belcher, Robert Herschel, 1, 2.....Cairo, Ga.
B.S., Georgia State College for Men, 1930. *Chemistry, Physics*

Bell, Martha, 1, 2.....Dawson, Ga.
A.B., Brenau College, 1924. *Latin, History*

Benson, Lois Warren, 1.....Charleston, S. C.
A.B., University of South Carolina, 1913. *Education*

Betts, Mildred Garner, 1, 2.....Rossville, Ga.
A.B., University of Chattanooga, 1925. *Spanish, French*

Bible, Buford Alexandre, 1.....Jefferson City, Tenn.
A.B., Carson Newman College, 1927. *Mathematics*

Bice, Harry Voorhies, 1.....Misenheimer
A.B., Temple University, 1924. *Psychology, Sociology*
B.D., Drew University, 1928.

Bird, Katherine Julia, 1.....Greensboro
A.B., North Carolina College for Women, 1929. *Spanish*

Blankenship, Charlotte Payne, 2.....Hickory
A.B., Lenoir Rhyne College, 1926. *Education*

Blume, Vera, 1.....Live Oak, Fla.
B.S., Florida State College for Women, 1923. *History*

Boney, Inez Crump, 1, 2.....Smithfield
A.B. in Education, 1928. *Rural Social Economics, Government*

Bostian, Thomas Frank, 1.....China Grove
B.S., North Carolina State College, 1923. *Education*

Bostic, Mary Caroline, 1.....Beulaville
A.B., Meredith College, 1928. *Education, History*

Boswell, Martha, 1.....Brevard
A.B., Randolph-Macon Woman's College, 1914. *English*

Bounous, Joel Daniel, 1, 2.....Springfield, Mo.
B.S., Southwestern Missouri Teachers College, 1919. *French, Spanish*
M.A., University of Missouri, 1926.

Brackett, Annie Laura, 1, 2.....Winston-Salem
A.B., Meredith College, 1918. *English*
M.A., New York University, 1925.

Braddy, Ann Wishart, 2.....Dublin, Ga.
B.A., Converse College, 1920. *English*

Brashear, Minnie M., 2.....Columbia, Mo.
A.B., University of Missouri, 1908. *English*
A.M., *ibid.*, 1922.

Braxton, Archie Ira, 2.....Bynum
Ph.B., Elon College, 1925. *Education, Mathematics*

Breedin, Hattie Spencer, 1.....Manning, S. C.
A.B., Winthrop College, 1927. *English*

Briggs, David Hezekiah, 2.....Chapel Hill
A.B., Maryville College, 1919. *Education*
A.M., 1924.

Brock, Benjamin Wadsworth, 1.....Creswell
B.S., Emory University, 1926. *Education*

Brooks, Cullen Paul, 1, 2.....Chatham, Va.
B.A., Wake Forest College, 1924. *Mathematics, Education*

Brooks, Inez Porterfield, 1, 2.....Greensboro
A.B., University of Georgia, 1927. *English*

Brooks, Mary Bacon, 2.....Milledgeville, Ga.
B.S. in Education, Georgia State College for Women, 1925. *Education*

Brown, Clara Mae, 1.....Greensboro
A.B., Shorter College, 1920. *English, Latin*
M.A., University of Georgia, 1924.

Brown, Elizabeth Adelaide, 1.....Ripley, Miss.
A.B., Queens College, 1919. *English, Education*

Brown, G. Ray, 1.....Rockwell
A.B., Lenoir-Rhyne College, 1926. *Education*

Brown, Harriet Olivia, 1.....Washington
A.B., North Carolina College for Women, 1926. *History*

Brown, Susie Persons, 2.....Winston-Salem
A.B., Wesleyan College, 1914. *French, Spanish*
A.M., 1928.

Bullock, Annie Boyd, 1, 2.....Bullock
A.B. in Education, 1929. *Education*

Bullock, Glendolyn Weaver, 1.....Rocky Mount
A.B., North Carolina College for Women, 1926. *Education, French*

Bundrick, Olin Wyse, 1, 2.....Greenville, S. C.
A.B., Newberry College, 1917. *Education*

Burdine, Theodore, 2.....Whitesburg, Tenn.
A.B., Tusculum College, 1927. *Physics, Mathematics*
A.M., 1929.

Burnett, James Leon, 1.....Bakersville
B.S., Union University, 1927. *Education*

Byrd, Annie Ward 1.....Mt. Olive, Miss.
A.B., Mississippi Woman's College, 1927. *English*

Byrd, George Adam, 1, 2.....Greenwood, S. C.
A.B., College of Charleston, 1921. *English*

Byrd, Ralph Milledge, 1, 2.....Charleston, S. C.
B.S., The Citadel, 1923. *Chemistry, Physics*
S.M., 1925.

Byrd, Ruth Evelyn, 1, 2.....Society Hill, S. C.
A.B., Winthrop College, 1925. *History, Government*

Cain, Andrew Washington, 2.....Dahlonega, Ga.
A.B., North Georgia College, 1900. *Special*
A.M., University of Philippine Islands, 1913.

Caldwell, Mrs. James R., 1.....Bessemer City
A.B., Erskine College, 1926. *Education, Psychology*

Caldwell, James R., 1.....Bessemer City
A.B., Erskine College, 1925. *Education, Psychology*

Calhoun, Daniel Malloy, 1 ..... Laurinburg
A.B., Davidson College, 1927. *Education*

Calvert, Catherine Louise, 1 ..... Jonesville, S. C.
A.B., University of Alabama, 1926. *French*

Carmichael, Peter Archibald, 2 ..... Anniston, Ala.
B.S., Johns Hopkins University, 1927. *Philosophy, Government*
M.A., Columbia University, 1928.

Carpenter, Benjamin F., 1 ..... Lynchburg, Va.
A.B., Lynchburg College, 1927. *Comparative Literature, French*

Carr, John Richard, 2 ..... Bakersville
A.B., Carson-Newman College, 1922. *Education*

Carr, Mitchell, 1 ..... Jefferson City, Tenn.
A.B., Carson-Newman College, 1923. *Education*

Carroll, Nancy Lee, 2 ..... Chester, S. C.
A.B., Winthrop College, 1918. *Education*

Carter, Margarett, 1 ..... New Bern
A.B., East Carolina Teachers College, 1929. *Botany*

Cates, Clyde Lucius, 1, 2 ..... Chapel Hill
A.B., 1912. *Education*

Cauthen, Charles Edward, 1 ..... College Place, S. C.
A.B., Wofford College, 1917. *History*

Chapin, Ethel May, 2 ..... Lorain, Ohio
B.S., University of Chattanooga, 1925. *Chemistry, Mathematics*

Cherry, Soloman Thaddeus, 1, 2 ..... Rocky Mount
A.B., Atlantic Christian College, 1929. *Education*

Chester, Harry M., 1, 2 ..... Dunn
B.S. in Education, Emory University, 1927. *Education*

Cheves, James Edward, 2 ..... Bunn
B.S., Wake Forest College, 1925. *Education*

Clapp, Milton, Jr., 1, 2 ..... Gastonia
A.B., 1927. *Chemistry, Physics*

Clark, Joseph Leon, 1, 2 ..... Walters, La.
A.B., Louisiana College, 1924. *Education, Rural Social Economics*
A.M., 1927.

Clarke, Helen Rhyne, 1 ..... Eufola
A.B., North Carolina College for Women, 1927. *History*

Clarke, Wilfong Waldron, 1 ..... Atlantic
A.B., 1915. *Education*

Clifford, Rachel Middleton, 1, 2 ..... Dunn
A.B., North Carolina College for Women, 1920. *History, Education*

Coates, Kenneth Daniel, 2 ..... Spartanburg, S. C.
A.B., 1925. *English*

Cole, Katherine Howard, 1 ..... Fairmont
A.B., Greensboro College, 1926. *Education*

Colyer, Ruth Olivia, 1 ..... Beaufort, S. C.
B.A., Columbia College, 1926. *English*

Connell, Stella J., 1 ..... Teague, Texas
A.B., Baylor University, 1926. *English, History*

Coppage, Charlotte Godiva, 1 ..... Vanceboro
A.B., North Carolina College for Women, 1928. *Education*

Cordle, Rachel, 1, 2 ..... Greensboro
A.B., North Carolina College for Women, 1928. *History, Government*

Core, Joseph Anderson, 1 ..... Currie
A.B., 1928. *Education, English*

Couch, Elizabeth Calvert, 1 ..... Chapel Hill
A.B., North Carolina College for Women, 1922. *History, Government*

Cox, Floyd Milton, 1, 2 ..... Climax
A.B., Guilford College, 1929. *Education*

Cox, Howard Enoch, 1.....Davidson
A.B., 1929. *History, Economics*

Creech, Walter Devereaux, 2.....Goldsboro
A.B., 1929. *French, Spanish*

Crissman, Curtis, 1.....Red Oak
A.B., 1918. *French*
A.M., 1928.

Crosby, Roy Ledyard, 1, 2.....Ruffin, S. C.
A.B., Wofford College, 1922. *Sociology, Psychology*

Crossen, Helen Jameson, 1.....Montrose, Pa.
A.B., Berea College, 1930. *English*

Crumley, Taller James, 1.....Charlotte
A.B., North Carolina College for Women, 1926. *History, French*

Curtis, Robert Arnold, 1, 2.....Dover
A.B., Duke University, 1929. *Education*

Dasher, Lillian Cooper, 1.....Tampa, Fla.
A.B., Wesleyan College, 1922. *Sociology, Romance Languages*

Davey, Lila Mabel, 1.....Thomas, Ga.
A.B., Bessie Tift College, 1920. *English*

Davidson, Mabel, 1.....Lynchburg, Va.
A.B., Randolph-Macon Woman's College, 1906. *English*
M.A., Columbia University, 1921.

Davis, Bessie May, 1, 2.....Warrenton
A.B., Greensboro College, 1929. *English*

Dawson, Eugene Reese, 1, 2.....Birmingham, Ala.
A.B., Howard College, 1926. *English*

Dean, Virginia Frances, 2.....Spruce Pine
A.B., Florida State College for Women, 1928. *Latin, Comparative Literature*
A.M., 1929.

Deason, Nancy A., 1.....Asheville
B.S., University of Alabama, 1927. *Education*

Dennis, James Levi, 1.....Shelby
A.B., Newberry College, 1919. *Education*

Denny, James Sidney, 1.....Wilson
A.B., Atlantic Christian College, 1930. *Sociology, History*

Denton, Virginia Lyn, 1.....Marks, Miss.
A.B., University of Mississippi, 1929. *Sociology*
A.M., 1930.

Deskins, Stuart A., 1, 2.....Greensboro
A.B., Elon College, 1923. *History, Government*
A.M., 1926.

Deyton, James Basil, 1, 2.....Spruce Pine
B.A., Maryville College, 1920. *History, Education*

Dickson, Maxcy Robson, 1.....Marion, S. C.
A.B., Wofford College, 1925. *History*

Dillin, Harry Leslie, 1, 2.....Chapel Hill
A.B., St. Stephens College, 1928. *Mathematics, Economics*
A.M., 1930.

Dimmick, Graham Bennett, 2.....Sanford
A.B., 1926. *Psychology, Education*
A.M., 1927.

Dixon, Vera Catherine, 1, 2.....Shelby
A.B., Meredith College, 1924. *History*

Dorn, Lillian, 1, 2.....Granite Falls
A.B., Winthrop College, 1928. *Latin, English*

Dorsett, Robert Clyde, 1.....Siler City
A.B., 1921. *Education*

Dosier, John Perry, 1, 2.....Greensboro
B.S., High Point College, 1930. *Chemistry, Physics*

Douglas, Claire Janet, 1, 2 ..... High Point
A.B., High Point College, 1929. *Spanish, French*

Douglas, Virginia Marsh, 1, 2 ..... Reidsville
A.B., Randolph-Macon Woman's College, 1928. *English, History*

Dowling, Elizabeth Louise, 2 ..... Augusta, Ga.
B.S., Salem College, 1928. *Chemistry, Physics*

Downer, Irene, 1 ..... Raeford
A.B., East Carolina Teachers College, 1926. *Education*

Drake, Zelma Paxton, 1 ..... Chapel Hill
B.S., Queens College, 1925. *Education, English*

Duncan, Elliott Florenz, 1 ..... Mayodan
A.B., 1918. *Education, English*

Duncan, Maude Helen, 2 ..... La Grange, Ga.
A.B., 1923. *French, Spanish*
A.M., 1924.

Dunlap, John McNeely, 1 ..... Charlotte
B.S., Davidson College, 1921. *Education*

Dunlap, Joseph Witherspoon, 2 ..... Dunn
B.A., Presbyterian College of South Carolina, 1929. *Education*

Edwards, Henry Leitner, 2 ..... Daytona Beach, Fla.
B.S., University of Florida, 1924. *Chemistry, Physics*

Edwards, Jewell, 1 ..... Vass
A.B., Guilford College, 1926. *English*

Eliason, Mary Howell, 1, 2 ..... Statesville
A.B., 1925. *English*
A.M., 1927.

Eller, Chilcie B., 2 ..... Warsaw
B.S., North Carolina State College, 1926. *Education*

English, Ethel Evangeline, 1 ..... Mars Hill
B.S., Meredith College, 1922. *Education*

Ergle, David Ramsey, 1, 2 ..... Chapel Hill
B.S., Clemson College, 1926. *Chemistry, Physics*
S.M., 1928.

Estep, John Herbert, 2 ..... Whitehead
A.B., 1930. *Special*

Evans, William Alexander, 1 ..... Dunn
A.B., 1928. *Education*

Evans, Willietta, 2 ..... Edenton
A.B., Trinity College, 1915. *English*

Fairey, Georgia Maude, 1 ..... Columbia, S. C.
A.B., Winthrop College, 1929. *English*

Falls, Janet L., 1 ..... Kings Mountain
A.B., Winthrop College, 1927. *Education, History*

Farrell, Jewell Inez, 1 ..... Walterboro, S. C.
A.B., Winthrop College, 1927. *History*

Farris, Carl Vernon, 1, 2 ..... Chapel Hill
A.B., John B. Stetson University, 1914. *History, Government*
A.M., *ibid.*, 1925.
LL.B., *ibid.*, 1928.

Farthing, Charles Linley, 1 ..... Mountain City, Tenn.
A.B., Carson-Newman College, 1929. *Education, Mathematics*

Faulkner, Rose Maureen, 1, 2 ..... Atlanta, Ga.
A.B., Berea College, 1926. *English*

Ferguson, Clyde Vestal, 1 ..... Saxapahaw
A.B., 1917. *Education*

Ficquett, Fred Arthur, 2 ..... Batesburg, S. C.
A.B., Presbyterian College of South Carolina, 1915. *Education*

Figgat, William Burnett, 1 ..... Roanoke, Va.
B.S., Roanoke College, 1927. *English*

Finch, Albert Carey, 2 ..... Forest City
A.B., Wofford College, 1918. *Education*

Finch, Howard Montague, 1, 2 ..... Mt. Airy
A.B., Furman University, 1922. *Education*
A.M., 1928.

Fincher, Charles Stevens, 2 ..... Roberta, Ga.
A.B., Mercer University, 1929. *Education*

Fishel, Harry Ogburn, 2 ..... Vaughan
A.B., Western Maryland College, 1916. *Education*

Fleming, Beulah, 2 ..... Hamptonville
A.B., North Carolina College for Women, 1925. *Education*

Fleming, Esther Ellen, 2 ..... Hamptonville
A.B., North Carolina College for Women, 1925. *Education*

Fleming, Helen Margaret, 1 ..... China Grove
A.B., North Carolina College for Women, 1927. *Education, English*

Fleming, Jacob Sipe, 1 ..... Warsaw
A.B., Elon College, 1912. *Education, Sociology*

Fleming, Ola Irene, 1 ..... China Grove
A.B., North Carolina College for Women, 1927. *English, Education*

Ford, Edwina, 1 ..... Goodman, Miss.
A.B., University of Mississippi, 1927. *Latin, History*

Fountain, Alvin Marcus, 1, 2 ..... Catherine Lake
B.E., North Carolina State College, 1923, *English*
M.S., *ibid.*, 1925.
M.A., Columbia University, 1930.

Fouts, Croatan Lofton, 2 ..... Walkerton
A.B. in Education, 1925. *Education*

Foy, Frances, 1 ..... Mount Airy
A.B., Greensboro College, 1926. *Special*

Franklin, Burney DeWitt, 2 ..... Granite Quarry
A.B., 1923. *Education*

Freeman, Lucile Garnett, 1 ..... Colerain
A.B., Chowan College, 1927. *Mathematics, Education*

Freeman, Thelma Elizabeth, 1 ..... Colerain
A.B., Chowan College, 1928. *History, Education*

Frost, John Davis, Jr., 1, 2 ..... Spartanburg, S. C.
B.S., The Citadel, 1922. *French, Spanish*

Funderburk, Robert Steele, 1 ..... Chapel Hill
A.B., Furman University, 1927. *History*
A.M., 1930.

Furr, Alma Elizabeth, 1 ..... Stanfield
A.B., North Carolina College for Women, 1927. *History, Sociology*

Gallardo, Jose, Jr., 1, 2 ..... Charleston, S. C.
A.B., Park College, 1922. *Spanish, German*
M.A., Pennsylvania State College, 1926.

Gallent, John Bryant, 1, 2 ..... Chapel Hill
B.S., Davidson College, 1925. *Chemistry, Physics*
S.M., 1928.

Garner, Wilma Howell, 1, 2 ..... Goldston
A.B., Queens College, 1925. *Education*

Garrison, Margaret, 1 ..... Rock Hill, S. C.
A.B., Winthrop College, 1925. *Education, English*

Garrison, William Reid, 1 ..... Derita
A.B., Maryville College, 1917. *Education*

Gaskin, Grover Cleveland, 1, 2 ..... Greenville, S. C.
A.B., University of South Carolina, 1916. *Education*

Gattis, Alice Lee, 2 ..... Chapel Hill
A.B., 1922. *Special*

Gehrke, William Herman, 1, 2 ..... Greensboro
Graduate, Concordia Seminary, 1917. *History*

Gibson, Porter Clyde, 2 ..... Laurinburg
A.B., 1925. *History, Government*

Gilbert, Herbert McTyeire, 1, 2 ..... Florence, S. C.
A.B., Wofford College, 1926. *Education*

Girlinghouse, Frank W., 1, 2 ..... Pineville, La.
B.A., Louisiana College, 1925. *Education*
A.M., 1927.

Gladden, Sanford Chas., 1, 2 ..... Oxford, Miss.
A.B., University of Mississippi, 1924. *Physics, Mathematics*
M.S., University of Kentucky, 1928.

Gladstone, William Ewart, 2 ..... Greensboro
B.S., North Carolina State College, 1925. *Education*

Glenn, Constance Harrelson, 2 ..... Benson
A.B., Baylor College, 1928. *English*

Gooch, Floyd Daily, 1, 2 ..... Chapel Hill
A.B. in Education, 1927. *Education, History*

Gordon, Sarah Eugenia, 1 ..... Spencer
A.B., Catawba College, 1928. *English*

Green, Britt Leffell, 1 ..... Woodleaf
A.B., Elon College, 1927. *Education, French*

Green, Herbert Charles, 1, 2 ..... Candor
B.S., North Carolina State College, 1929. *Education, Sociology*

Greene, Alton Glenn, 1 ..... Candor
A.B. in Education, 1930. *History*

Greene, Eugene Alston, 1 ..... Ansonville
A.B., 1927. *Education, Geology*

Griffin, Hazel C., 1 ..... Woodland
A.B., Chowan College, 1926. *English, Education*

Griffith, Bruce Willis, 1 ..... Cleveland
A.B., 1926. *Education*

Grimsley, Lucy Estes, 1 ..... Winston-Salem
A.B., Salem College, 1920. *French, English*

Grist, Norma Strauss, 1 ..... York, S. C.
B.S., Greenville Woman's College, 1927. *History*

Grose, Willie Clay, 1 ..... Loray
A.B., 1923. *Special*

Hackney, Hoyt Milton, 1 ..... Siler City
A.B. in Education, 1929. *Education, History*

Haddock, Ernest Henry, 1, 2 ..... A. and M. College, Miss.
B.A., Furman University, 1926. *Physics, Mathematics*

Hagood, Monroe Johnson, 1, 2 ..... Hendersonville
A.B., The Citadel, 1929. *English*

Hall, Alton Parker, 1, 2 ..... Candler
A.B. in Education, 1929. *Mathematics*

Hamel, Inez, 1, 2 ..... Kershaw, S. C.
A.B., Columbia College, 1912. *French, Latin*

Hampton, Lelia, 1, 2 ..... Chapel Hill
A.B., North Carolina College for Women, 1924. *English*

Hand, Ruth Adeline, 1 ..... Sanford, Fla.
B.S. in Education, Florida State College for Women, 1925. *Education*

Harbin, Mary Katherine, 1 ..... Mullins, S. C.
A.B., Lander College, 1927. *English*

Harden, Mary Frances Sarah, 2 ..... Cookeville, Tenn.
A.B., Royal University of Ireland, 1898. *French, Spanish*
M.A., George Peabody College, 1917.

Harkey, Katherine Ileita, 1 ..... Charlotte
A.B., North Carolina College for Women, 1925. *Education*

Harper, Elma Estelle, 1, 2 ..... Trenton
A.B., North Carolina College for Women, 1923. *Spanish, French*
A.M., 1929.

Harris, Robert Chalmers, 2 ..... Concord
A.B., 1927. *Education, English*

Hatcher, Eleanor Mae, 1 ..... Dunn
A.B., North Carolina College for Women, 1927. *History, Education*

Hawkins, James Ralph, 1 ..... Athens, Ohio
A.B. in Commerce, Ohio University, 1923. *Education*

Haynes, Laurine, 1 ..... Greenville, S. C.
A.B., Coker College, 1925. *Latin, French*
A.M., 1928.

Haynie, Willena, 1 ..... Blue Mountain, Miss.
A.B., Blue Mountain College, 1927. *English*

Heilig, Julius Adolphus, 1 ..... Salisbury
B.A., Catawba College, 1930. *Education, History*

Hendricks, Hadley Monroe, 1, 2 ..... High Point
A.B., in Education, 1927. *Education*

Hendrix, Lance Jones, 1, 2 ..... Johnsonville, Ala.
A.B., University of Alabama, 1920. *English*
A.M., *ibid.*, 1921.

Henry, Margrett Marks, 1 ..... Rock Hill, S. C.
A.B., Winthrop College, 1929. *Special*

Henry, Nell Quinby, 1 ..... Pacolet, S. C.
A.B., Lander College, 1927. *Botany, Physics*

Henry, Robert Gilbert, 1 ..... Rock Hill, S. C.
A.B., Presbyterian College of South Carolina, 1925. *Physics, Mathematics*
M.S., University of Kentucky, 1927.

Herbert, Harriet Bryce, 1, 2 ..... Bishopville, S. C.
A.B., Randolph-Macon Woman's College, 1918. *Mathematics*

Hester, Edith L., 1, 2 ..... Greenville, S. C.
A.B., Coker College, 1928. *History, Government*

Hiatt, Charles Edward, 1 ..... Pilot Mountain
A.B., George Washington University, 1911. *Education*

Hickey, William, 1 ..... Spruce Pine
A.B., Duke University, 1927. *Education, Physics*

Hildebrand, Cornelia Ismae, 1, 2 ..... Teague, Texas
A.B., Texas College of Industrial Arts, 1927. *English*

Hill, Mary Jane, 1 ..... La Grange, Ga.
A.B., Randolph-Macon Woman's College, 1926. *English*

Hilliard, Katherine Haven, 2 ..... Kershaw, S. C.
A.B., Winthrop College, 1928. *English*

Hines, Edgar Thurman, 1, 2 ..... Blacksburg, Va.
A.B., Elon College, 1911. *Education, History*

Hobbs, Mary Anna, 1 ..... Clinton
B.S., North Carolina College for Women, 1926. *Education*

Hobdy, Mary Celestia, 1, 2 ..... Montgomery, Ala.
A.B., University of Tennessee, 1924. *History, French*

Hocutt, Olivia Blanche, 2 ..... Burgaw
A.B., Meredith College, 1923. *Education*

Hodges, John Kennedy, 1 ..... Kingstree, S. C.
A.B., Wofford College, 1921. *Chemistry*
A.M., Duke University, 1928.

Hodges, Ruth Click, 1 ..... Mocksville
A.B., Guilford College, 1925. *Education, English*

Holder, Brantson Beeson, 1, 2 ..... Calypso
A.B., 1915. *Economics, History*
A.M., 1915.

Holland, William Thompson, 1, 2 ..... Charlotte
S.B. in Geology, 1930. *Geology*

Hollis, Amelia Fay, 2.....Bennettsville, S. C.
A.B., Sweet Briar College, 1929. *History*

Holloway, Arron Clyde, 1.....Holly Springs
B.A., Wake Forest College, 1927. *History, Education*

Hollowell, Minnie, 1.....Edenton
A.B., Meredith College, 1927. *History*

Hon, Ralph Clifford, 2.....Thayer, Mo.
A.B., University of Illinois, 1924. *Economics, Commerce*
A.M., Harvard University, 1926.

Hood, Arthur Clifton, 1.....Hickory
A.B., Lenoir-Rhyne College, 1927. *Education*

Hood, Cyrus Lee, 1.....Mooresville
B.A., Erskine College, 1923. *Education*
M.A., University of Virginia, 1926.

Hook, Minnie Edge, 2.....Elon College
A.B., Elon College, 1925. *Education*

Horne, Maude Moore, 1, 2.....Rocky Mount
A.B., Duke University, 1930. *English, History*

Horton, Nell Eucile, 1.....Rock Hill, S. C.
A.B., Winthrop College, 1926. *Botany*

Hough, Mary Emma, 1.....Camden, S. C.
A.B., Winthrop College, 1926. *French, English*

House, Ono Ladd, 1.....Wildwood, Fla.
B.S., University of Florida, 1927. *Education*

Howell, Frank Short, 1, 2.....Fayetteville
A.B., 1929. *French, Spanish*

Howell, Harry, 1.....Fayetteville
Ph.B., 1895. *Education*

Howell, James, 2.....Wilkesboro
A.B., Guilford College, 1925. *English*

Howell, Vance Cyrus, 1, 2.....Boone
B.A., Wake Forest College, 1922. *History*

Howland, Elizabeth Warren, 1.....Henderson
A.B., North Carolina College for Women, 1927. *English*

Hoyle, Hughes Bayne, 1.....Chapel Hill
A.B. in Education, 1929. *Mathematics, Education*

Hudson, Homer Clarence, 1, 2.....Union Hall, Va.
A.B., Furman University, 1922. *Education*

Hudson, Isham Barney, 1, 2.....Lumberton
LL.B., Wake Forest College, 1921. *History, Education*
A.B., *ibid.*, 1925.

Huffman, Edward Earl, 1, 2.....Hickory
A.B., Lenoir-Rhyne College, 1928. *Chemistry*

Huggins, James Dwyre, Jr., 1.....Mooresboro
A.B., Furman University, 1930. *English, Education*

Hughes, Ausker Edward, 1, 2.....Chapel Hill
B.S., Carson-Newman College, 1927. *Chemistry, Physics*

Hunter, Charles Richards, 1, 2.....Maxton
A.B., Davidson College, 1925. *History, Education*

Hurley, Leonard Burley, 2.....Greensboro
A.B., Duke University, 1913. *English*
A.M., *ibid.*, 1916.

Isley, Ernest Bostian, 1.....Gibsonville
A.B., 1927. *Education*

Jarvis, Frank W., 1.....Spindale
B.A., Wake Forest College, 1922. *Education*

Jefferies, Irene, 1.....Gaffney, S. C.
A.B., John B. Stetson University, 1922. *Education*

Jenkins, Antoinette Smith, 1, 2 ..... Nashville
A.B., Georgia State College for Women, 1923. *English, Latin*
A.M., 1927.

Jenkins, Edgar Bryan, 1, 2 ..... Nashville
A.B., 1920. *Latin, English*
A.M., 1927.

Jenkins, Sadie Franklin, 2 ..... Nashville
A.B., Greensboro College, 1921. *English*

Jenkins, Wade Mack, 1 ..... Wingate
A.B., University of South Carolina, 1921. *Education*

Johnson, Eva Maxine, 1 ..... Pantego
A.B., Greensboro College, 1926. *Sociology*

Johnson, Ferdie Talmadge, 1 ..... Manteo
B.A., Wake Forest College, 1916. *History, Education*

Johnson, John Stanley, 2 ..... Greensboro
B.S., Wake Forest College, 1924. *Physics, Mathematics*

Johnson, John Thomas, 1 ..... Jefferson City, Tenn.
B.A., Maryville College, 1925. *Botany*
M.A., University of Illinois, 1927.

Johnson, Minnie, 1 ..... Elon College
A.B., Elon College, 1928. *French, English*

Joines, Aaron Oscar, 1 ..... Stratford
A.B., 1917. *Education*

Joyner, John Bruce, 2 ..... Raleigh
B.S., Wake Forest College, 1926. *Chemistry*

Junker, Eugene Willington, 1 ..... Lexington
A.B., Lenoir Rhyne College, 1925. *Education*

Jurney, William Howard, 1, 2 ..... Harmony
B.S., North Carolina State College, 1929. *Mathematics, Physics*

Kampschmidt, William Henry, 1, 2 ..... Greensboro
Graduate, Concordia College, 1913. *Education, History*

Kennedy, Herman Charles, 1 ..... Davidson
A.B., Tusculum College, 1929. *Economics, History*

Kesler, William Banknight, 1 ..... Irmo, S. C.
A.B., Newberry College, 1927. *Education*

Kinard, Francis Marion, 2 ..... Clemson College, S. C.
A.B., Wofford College, 1923. *English*
A.M., 1929.

Kinard, Katharine Madison, 1, 2 ..... Rock Hill, S. C.
A.B., Winthrop College, 1926. *English*

King, Charles Annie, 1 ..... Sanford
A.B., North Carolina College for Women, 1926. *Education, English*

King, Thomas Luther, 1, 2 ..... Chapel Hill
B.S., Emory University, 1929. *Chemistry, Physics*

Kirkley, Daniel Charles, 1 ..... Georgetown, S. C.
A.B., Presbyterian College of South Carolina, 1926. *Education*

Kirtland, Gertrude Elizabeth, 1 ..... Salina, Kansas
A.B., Marymount College, 1928. *English*

Kiser, Alna Lorie, 1, 2 ..... Bessemer City
A.B., North Carolina College for Women, 1923. *Education*

Kiser, James Alexander, 1 ..... Lincolnton
A.B., Lenoir Rhyne College, 1925. *Education*

Kiser, Oscar Lee, 1 ..... Lincolnton
A.B., Lenoir Rhyne College, 1925. *Education*

Kolk, Hugh Marshall, 1, 2 ..... Sumter, S. C.
A.B., Presbyterian College of South Carolina, 1929. *Education*

Lanham, Louise, 1 ..... Spartanburg, S. C.
A.B., Randolph-Macon Woman's College, 1906. *English*
A.M., 1927.

Laxton, Allan Wilson, 1, 2 ..... Rufus
A.B., Elon College, 1929. *Education*

Lee, Frances Katherine, 1, 2 ..... Dawson, Ga.
A.B., Georgia State Woman's College, 1929. *Zoölogy, Botany*

Lentz, Ada Lillian, 1, 2 ..... Gold Hill
B.S., North Carolina College for Women, 1914. *Education, Psychology*

Lewis, Inez, 1 ..... Tabor
A.B., Columbia College, 1921. *Latin*

Lewis, Newman, 2 ..... Beaufort
B.S., Wake Forest College, 1928. *Education*

Ligon, Sallie Mae Oliver, 1, 2 ..... Oxford
A.B., Elon College, 1925. *Education*

Limehouse, Thelma, 1 ..... Summerville, S. C.
A.B., Columbia College, 1927. *Education*

Lindsey, Evans Willson, 2 ..... Salem, Va.
A.B., Princeton University, 1904. *French, Classics*

Little, Thomas Arthur, 1, 2 ..... Marshville
A.B., 1923. *History, Education*

Livingstone, Azilee Florence, 1 ..... Prosperity, S. C.
A.B., Newberry College, 1922. *Mathematics, Education*

Looper, Arthur Kenneth, 1 ..... Easley, S. C.
A.B., Furman University, 1930. *Sociology, Psychology*

Love, Elmer Christenbery, 1 ..... Jefferson City, Tenn.
A.B., Carson-Newman College, 1929. *History*

Lovelace, Elizabeth Sydnor, 1 ..... Halifax, Va.
A.B., Randolph-Macon Woman's College, 1923. *Education*

Lowrance, J. F., 1 ..... Raeford
A.B., Davidson College, 1913. *Education*

Lynn, Alen Nick, 1 ..... Hickory
A.B., Lenoir Rhyne College, 1927. *Education*

Lyon, Ralph Muse, 1, 2 ..... Abbeville, S. C.
B.S., The Citadel, 1923. *Education, History*
A.M., 1926.

McAdams, J. Mark, 1 ..... Reidsville
A.B., Elon College, 1924. *Education*

McCain, Dacus Pearce, 1 ..... Kelford
A.B., Wofford College, 1909. *Education, English*

McCanless, Rosamond, 1, 2 ..... Asheville
A.B., Converse College, 1927. *English*

McConnell, John Paul, 1 ..... East Radford, Va.
A.B., Lynchburg College, 1921. *Sociology, Psychology*
M.A., College of William and Mary, 1923.

McCoy, Samuel Jesse, 1 ..... Chapel Hill
A.B., Wofford College, 1925. *English*
A.M., Duke University, 1929.

McCracken, Sara Ismay, 2 ..... Greensboro
A.B., Greensboro College, 1928. *English, French*

McCrummen, John, 1 ..... West End
B.S., Davidson College, 1923. *Education*

McCurdy, Hilda Flowe, 1 ..... Spencer
A.B., North Carolina College for Women, 1926. *Education*

McCutcheon, Mary Sue, 1 ..... Bishopville, S. C.
A.B., Winthrop College, 1927. *History, Education*

McDowell, David Franklin, 1, 2 ..... Jacksonville, Fla.
A.B., University of Florida, 1924. *Spanish, French*
A.M., *ibid.*, 1928.

McDuffie, Stephen Arch, 1, 2 ..... Barnesville
B.A., Wake Forest College, 1927. *English*

McFadden, John Holman, 1.....Pittsburgh, Pa.
A.B., Emory University, 1921. *Psychology, Sociology*
A.M., 1922.

McGirt, Roger Martin, 1, 2.....Gibson
A.B., Davidson College, 1923. *Education*

McHargue, Raymond Lee, 1.....Statesville
A.B. in Education, 1930. *English, Education*

McIntosh, Charles Eugene, 1, 2.....Chapel Hill
A.B., 1911. *Education*

McIntyre, Katherine Holmes, 1.....Mebane
A.B., Greensboro College, 1925. *Special*

MacKay, Eunice Stacy, 1, 2.....Wilson
A.B., 1929. *English*

McKeithan, Daniel Morley, 2.....Austin, Texas
A.B., College of Charleston, 1924. *English*
M.A., *ibid.*, 1925.

McLean, Frances Henninger, 1.....Raeford
A.B., Greensboro College, 1925. *English, French*

McLellan, Crawford Reid, 1, 2.....West, Miss.
A.B., Mississippi College, 1929. *Chemistry, Physics*

McLeod, John Angus, 2.....Mars Hill
B.A., Furman University, 1923. *English*

McMillan, James Benjamin, 1, 2.....Talladega, Ala.
B.S., Alabama Polytechnic Institute, 1929. *English*

McNeace, Lewis Barnhart, 1, 2.....Roanoke, Va.
B.S., Roanoke College, 1927. *Education, Sociology*

MacPhail, Marion Louise, 2.....Frederick, Md.
A.B., Agnes Scott College, 1920. *French*
A.M., Columbia University, 1926.

McPherson, Elizabeth Gregory, 1, 2.....Shiloh
A.B., 1923. *History*
A.M., 1925.

McQueen, William Browne, Jr., 1, 2.....Raeford
A.B., Davidson College, 1929. *English*

McSwain, Holland, 1.....Cleveland
A.B. in Education, 1927. *Education*

Macy, Ezra Evans, 1.....Coucho, Okla.
A.B., Indiana University, 1925. *History*
A.M., *ibid.*, 1927.

Maddox, Herman Roscoe, 1, 2.....Thorsby, Ala.
A.B., Piedmont College, 1924. *French, English*

Maddrey, Charles Gordon, 1.....Seaboard
B.A., Wake Forest College, 1926. *Education, History*

Manning, Hattie Catherine, 1, 2.....Catherine Lake
A.B., 1924. *English*

Marshburn, Sallie, 1.....Maple Hill
A.B., Meredith College, 1925. *History*

Martin, Katherine, 1, 2.....Burlington
A.B. in Education, 1927. *Education*

Martin, Pauline Elizabeth, 1.....Pleasant Garden
A.B., East Carolina Teacher's College, 1927. *Mathematics, Education*

Martin, Ruth, 1.....Fairforest, S. C.
A.B., Winthrop College, 1921. *English, History*

Martin, Virginia Cofer, 2.....Murfreesboro
A.B., Chowan College, 1929. *Latin, French*

Mast, Dewey Richmond, 1, 2.....Rufus
A.B., Elon College, 1928. *Zoölogy, Botany*

Matheson, Donald Stuart, 1.....Hillsboro
B.A., North Carolina State College, 1925. *Rural Social Economics, Economics*

Matlock, Jack Faust, 1, 2 ..... Greensboro
A.B., Guilford College, 1926. *History, Education*

Mattox, William Judson, 1, 2 ..... Chapel Hill
A.B., Mississippi College, 1928. *Chemistry*
A.M., 1929.

Meares, Hattie Frantz, 1 ..... Danville, Va.
A.B., Randolph-Macon Woman's College, 1929. *History*

Mell, Mildred Rutherford, 1, 2 ..... Rome, Ga.
A.B., University of Wisconsin, 1920. *Sociology, Economics*
A.M., University of Georgia, 1925.

Mendenhall, Martha Serene, 1 ..... Cerro Gordo
B.S., George Peabody College, 1929. *Education, Sociology*

Miller, Brice Wilson, 1 ..... Mooresville
A.B., Davidson College, 1928. *French, Education*

Miller, Ralph Edwin, 1, 2 ..... North Wilkesboro
A.B., 1929. *Education, English*

Millsaps, Vera, 1, 2 ..... Statesville
B.S., North Carolina College for Women, 1915. *Sociology, Education*
S.M., 1924.

Mingus, Sigmon Henry, 1 ..... Connelly Springs
A.B., Duke University, 1924. *History*

Mitchell, V. Irene, 1 ..... Winston-Salem
A.B., Georgia State Teachers College, 1925. *Education*

Moore, John Horace, 1, 2 ..... Ahoskie
A.B., Mississippi College, 1925. *Education*

Moore, Mitchell Collins, 1 ..... Rocky Mount
A.B., Agnes Scott College, 1927. *English, History*

Moore, Ray Talmadge, 1, 2 ..... Cana
B.A., Wake Forest College, 1925. *Education*

Morgan, Elford Chapman, 1, 2 ..... Spartanburg, S. C.
A.B., Wofford College, 1927. *English*

Morgan, Sallie Payne, 1 ..... Holly Springs, Miss.
A.B., Blue Mountain College, 1929. *Sociology, Psychology*

Morgan, William Watson, 1, 2 ..... Asheville
B.A., Wake Forest College, 1925. *Psychology, Education*

Morris, Joseph Edgar, 1 ..... Norwood
A.B., 1922. *Education, Physics*

Morrison, Harriet Newell, 1 ..... Red Springs
A.B., 1925. *Latin*
M.A., Duke University, 1929.

Moseley, Joseph Rufus, 1, 2 ..... Byron, Ga.
B.S., Emory University, 1925. *Mathematics*
M.S., *ibid.*, 1926.

Mosher, Camille M., 1 ..... Chapel Hill
A.B., Louisiana State University, 1925. *Sociology, English*

Moss, Beverly Turpin, 2 ..... Washington
A.B., University of Missouri, 1929. *Latin, German*

Mosteller, David C., 1 ..... Lincolnton
A.B., Lenoir Rhyne College, 1922. *Education, Sociology*

Moye, Moses Tyson, 1, 2 ..... Kenly
A.B., Atlantic Christian College, 1926. *History*

Mulkey, Harry Butler, 1, 2 ..... Greenwood, S. C.
B.S., Clemson College, 1921. *Physics, Mathematics*

Mulkey, Margaret Kimbrough, 2 ..... Greenwood, S. C.
B.S., University of Virginia, 1922. *English*

Mumford, Dorothy, 1, 2 ..... Hampstead, N. Y.
A.B., Adelphi College, 1929. *English*

Murray, Paul, 2 ..... Lilly, Ga.
Ph.B., Emory University, 1927. *History, Government*
A.M., *ibid.*, 1929.

Murphy, Elisazeth, 1 ..... Salisbury
A.B., North Carolina College for Women, 1928. *English, Comparative Literature*

Muse, Montie McCremmon, 1 ..... Carthage
A.B., North Carolina College for Women, 1928. *Education, English*

Myers, Theodore Alva, 1, 2 ..... Effingham, S. C.
A.B., Wofford College, 1925. *Education, History*

Neal, Charles Cleveland, Jr., 1, 2 ..... Demorest, Ga.
A.B., Piedmont College, 1929. *Spanish, French*

Neal, Dorothy Phillips, 1, 2 ..... Demorest, Ga.
A.B., Piedmont College, 1929. *French, Spanish*

Neel, George Neely, 1 ..... Troutman
B.S., Davidson College, 1922. *Education, English*

Newsom, Alline, 1 ..... Hartsville, S. C.
B.S., Coker College, 1923. *Education*

Newsome, Elizabeth, 2 ..... Wilmington
A.B., East Carolina Teachers College, 1928. *Education*

Newton, Vera Eloise, 2 ..... McColl, S. C.
A.B., Winthrop College, 1925. *Special*

Nims, Frederick Boyden, 2 ..... Mount Holly
A.B., 1917. *Latin, Education*

Norment, Owen Lennon, 1 ..... Whiteville
B.A., Wake Forest College, 1926. *History, Education*

Nothwang, Roswell Standish ..... Little Rock, Ark.
A.B., University of Illinois, 1921. *English*
M.A., University of Colorado, 1926.

Ogletree, Sara Byrd, 1 ..... Greenville
A.B., East Carolina Teachers College, 1929. *Mathematics*

Pankey, George Edward, 2 ..... Ruston, La.
A.B., University of Richmond, 1926. *Sociology, Psychology*
A.M., 1927.

Parker, Jessie Allen, 1, 2 ..... Buies Creek
A.B., Meredith College, 1923. *Education, French*

Parker, Margaret Peele, 1 ..... Black Mountain
A.B., Salem College, 1928. *English, Education*

Parker, William Glenn, 1, 2 ..... Grover
A.B., Furman University, 1927. *Education*

Peach, Susie, 1 ..... Union Springs, Ala.
B.S., University of Alabama, 1929. *English*

Pearce, Charles Latelle, 1 ..... Cerro Gordo
B.A., Wake Forest College, 1925. *Education*

Pearson, Ruth Hazel, 1, 2 ..... Dudley
A.B., Guilford College, 1923. *French, Spanish*

Perry, Charles Herman, 1, 2 ..... Wilkesboro
A.B., 1924. *History, Education*

Perry, Lindsey Jackson, 2 ..... Reidsville
A.B., Elon College, 1923. *Education, Psychology*

Pettigrew, Edna, 2 ..... Florence, S. C.
A.B., Winthrop College, 1929. *English, Education*

Phillips, Aura, 1 ..... Gresham, S. C.
Diploma in Music, Coker College, 1927. *Special*

Phillips, Lessie Brown, 1, 2 ..... Winston-Salem
A.B., Salem College, 1930. *Latin, English*

Phillips, Rupert Andrew, 2 ..... Everette
A.B., Atlantic Christian College, 1920. *Education Sociology*

Phillips, Robert B., 1 ..... Marion
A.B., Carson-Newman College, 1927. *English, Education*

Pike, Cathleen Marion, 2 ..... Liberty
A.B., Guilford College, 1914. *English*

Pittman, Charles Leonard, 1, 2 ..... Rock Hill, S. C.
B.A., Furman University, 1927. *English*

Player, Martin Matthew, 1 ..... Mayesville, S. C.
A.B., Wofford College, 1923. *Education*

Poindexter, Charles Crawford, 1 ..... Franklin
A.B., LL.B., 1925. *Education*

Ports, John Newton, 1 ..... Westminster, Md.
A.B., Western Maryland College, 1928. *Education, Mathematics*

Powell, Hiram Hogsetten, 2 ..... Lumberton
A.B., Westminster College, 1923. *Education*

Powell, Mabel Allen, 1 ..... Corydon, Ky.
A.B., Georgetown College, 1924. *Latin*

Prentiss, Quinette, 2 ..... La Grange, Ga.
A.B., Wesleyan College, 1924. *Education, English*

Price, Henrietta Stuckey, 2 ..... Bishopville, S. C.
A.B., Winthrop College, 1926. *English*

Prince, Vivian Christian, 1 ..... Easley, S. C.
A.B., Winthrop College, 1929. *History, Education*

Proffitt, Edna Queener, 2 ..... Clinton
A.B., Carson-Newman College, 1925. *Chemistry, Education*

Proffitt, Glenn Theodore, 2 ..... Clinton
A.B., 1926. *Education, Mathematics*

Proffitt, Roy Aldon, 1 ..... Bald Creek
A.B. in Education, 1928. *Education*

Proffitt, Roy Max, 1, 2 ..... Bald Creek
B.S., North Carolina State College, 1924. *Education*

Quarterman, Louise Graham, 1 ..... Quincy, Fla.
A.B., Florida State College for Women, 1928. *English, French*

Rackley, Lloyd Ernest, 1 ..... Johnson City, Tenn.
B.S., George Peabody College, 1925. *Psychology*
M.A., *ibid.*, August, 1925.

Ramsey, James Douglas, 1, 2 ..... Hampton, Ga.
B.A., Mercer University, 1929. *English*

Ready, Isaac Epps, 2 ..... Johnston, S. C.
A.B., University of South Carolina, 1925. *Education*
A.M., *ibid.*, 1929.

Redfearn, Harriette Grace, 1 ..... Wingate
A.B., North Carolina College for Women, 1927. *Education, Mathematics*

Redfearn, Henry Nell, 1 ..... Wingate
A.B., Meredith College, 1927. *Education, Sociology*

Redmond, Dare Vincent, 1, 2 ..... Alexander
A.B., Lincoln Memorial University, 1929. *English*

Reeves, Carroll Edwin, 2 ..... Allendale, S. C.
A.B., University of South Carolina, 1927. *Education, English*

Reeves, Ruby Edith, 2 ..... Volney, Va.
A.B., Duke University, 1924. *Education*

Reville, Ethel, 1 ..... Sumter, S. C.
A.B., Winthrop College, 1924. *Sociology, Education*

Rhodes, Thomas Edwin, 1 ..... Lincolnton
A.B., Lenoir Rhyne College, 1925. *Education*

Rice, Joseph Lloyd, 1 ..... Salisbury
B.S., Davidson College, 1929. *Zoölogy*

Rich, Mary DeBow, 1, 2 ..... Islandton, S. C.
A.B., Winthrop College, 1910. *English*
M.A., George Peabody College, 1921.

Richards, John Gardner, Jr., 1 ..... Camden, S. C.
B.A., Davidson College, 1909. *Education, Sociology*

Richardson, Jessie Eugenia, 1 ..... Dover
A.B., 1925 *Latin*

Richardson, Nellie Bass, 1.....Hawkinsville, Ga.
A.B., Agnes Scott College, 1926. *Education*

Richardson, William Banks, 1.....Asheboro
S.B. in Chemistry, 1919. *Chemistry, Mathematics*

Richmond, Thomas Wilmer, 1, 2.....Rocky Mount
B.S., Wake Forest College, 1928. *Chemistry, Mathematics*

Riggsbee, Mary Louise, 1.....Carrboro
A.B. in Education, 1930. *History, Sociology*

Ring, Hayden Lee, 1, 2.....High Point
A.B., High Point College, 1929. *Mathematics*

Rives, Fanny Victoria, 1, 2.....Mansfield, La.
A.B. in Education, Tulane University, 1921. *History*

Robertson, Judge Buxton, 1.....Burlington
Ph.B., 1905. *Education*

Robinson, Amy Elizabeth, 1.....Kings Mountain
A. B., Flora Macdonald College, 1926. *Mathematics, Education*

Robson, Charles Baskerville, 2.....Chapel Hill
A.B., Davidson College, 1919. *Government, History*
A.M., Princeton University, 1924.

Roome, Elizabeth, 2.....Sisterville, W. Va.
B.S., Columbia University, 1924. *Education*

Runnion, Helen, 1, 2.....Raleigh
A.B., Tusculum College, 1921. *History*
M.A., George Peabody College, 1927.

Russell, Edna Craig, 1.....Rock Hill, S. C.
A.B., Winthrop College, 1929. *Mathematics*

Sanders, Jeptha, P., 1, 2.....Chapel Hill
B.S., University of Georgia, 1923. *Chemistry, Physics*
M.S., Iowa State College, 1924.

Sanders, Judson Hair, 1, 2.....Lakeland, Fla.
B.S., The Citadel, 1929. *Chemistry, Physics*

Sawyer, George Lippard, 1, 2.....Boone
A.B., Lenoir Rhyne College, 1915. *Education*

Schmitt, Mary Catherine, 1.....Concordia, Kansas
A.B., Marymount College, 1928. *English*

Scott, Sallie Embry, 2.....Charlotte Court House, Va.
A.B., Flora Macdonald College, 1925. *Education*
A.M., 1930.

Scroggs, Arthur B., 1.....Haynesville
A.B. in Education, 1928. *Education*

Seward, Donald Montford, 1, 2.....DeLand, Fla.
A.B., John B. Stetson University, 1930. *Mathematics, Physics*

Sharpe, Mildred, 2.....Burlington
A.B., Randolph-Macon Woman's College, 1927. *English, Education*

Shaw, Chandler, 2.....Chapel Hill
A.B., Rollins College, 1919. *History, Latin*
A.M., 1930.

Shaw, Dudley Graham, 1.....Kerr
A.B., Davidson College, 1928. *Education*

Shearin, Paul Edmondson, 2.....Essex
A.B. in Education, 1929. *Physics, Mathematics*

Shepherd, Hurley Sidney, 1.....Elon College
A.B., Elon College, 1929. *Education*

Sherard, Catherine, 2.....Red Springs
A.B., Brenau College, 1929. *Education, Sociology*

Shirey, Miriam Kathleen, 1.....Mt. Pleasant
A.B., Lenoir Rhyne College, 1926. *English, Education*

Shirlen, Roy Lee, 1.....Swannanoa
A.B., 1926. *Education*

Simons, Manning Alexander, 1, 2 ..... Charleston, S. C.
A.B., Washington and Lee University, 1927. *Psychology, Education*
A.M., *ibid.*, 1928.

Simpson, Howard Holmes, 1, 2 ..... Roseboro
A.B. in Education, 1930. *Education, History*

Sipe, Bryan Webb, 1 ..... Murphy
A.B., 1920. *Education*
A.M., 1921.

Skaggs, Marvin Lucian, 1 ..... Chapel Hill
A.B., University of Richmond, 1921. *History*
A.M., 1929.

Sledd, Arthur Purefoy, 1, 2 ..... Marion, Ala.
B.S., Wake Forest College, 1916. *Chemistry*
A.M., 1923.

Sloan, Arthur St. Clair, 1, 2 ..... Chapel Hill
A.B., Denison University, 1896. *Spanish, French*
A.M., Ohio State University, 1919.

Smiley, Wendell Wayne, 1, 2 ..... Chapel Hill
A.B. in Education, 1928. *Education*

Smith, Eugene Rodgers, 1, 2 ..... China Grove
A.B., Lenoir Rhyne College, 1923. *Latin*

Smith, French Hugo, 1, 2 ..... Guilford College
B.S., Guilford College, 1926. *Education*

Smith, George Edward, 2 ..... Clayton
A.B., Lenoir Rhyne College, 1924. *Education*

Smith, Greta, 1, 2 ..... Fort Valley
A.B., Chicora College, 1928. *French, Spanish*

Smith, Kate Brittain, 1 ..... Summerfield
A.B., Guilford College, 1919. *English*

Smith, Miriam Greye, 1 ..... White Oak
A.B., Flora Macdonald College, 1925. *English, Latin*

Smith, Minnie Jameson, 1 ..... Winston-Salem
A.B., University of Idaho, 1908. *Latin*
M.A., Columbia University, 1922.

Smith, Mary Phlegar, 1 ..... Chapel Hill
A.B., University of Pennsylvania, 1921. *Sociology, Government*
A.M., 1927.

Smith, Ruth, 1, 2 ..... Fort Valley, Ga.
A.B., Chicora College, 1930. *English*

Smith, Rose Jane, 1 ..... Rockingham
A.B., Winthrop College, 1923. *Botany*

Smith, Samuel Denny, 2 ..... The Hollow, Va.
A.B., Davidson College, 1912. *History*
A.M., Princeton University, 1915.

Smith, William Franklin, 1, 2 ..... Chadbourn
A.B., 1929. *Chemistry, Mathematics*

Spence, Floyd Vance, 1, 2 ..... Kinston
A.B., 1929. *History*

Sperandeo, Giovanni, 1, 2 ..... Sweetwater, Tenn.
A.B., Washington University, 1920. *Spanish, French*

Spiers, Harry Smith, 1, 2 ..... Greensboro
A.B., Washington and Lee University, 1927. *English, Education*

Spiers, Musette Taylor, 1, 2 ..... Greensboro
B.A., Winthrop College, 1925. *English*

Sprinkle, Pauline, 1 ..... Bald Creek
A.B., Carson-Newman College, 1925. *Mathematics*

Squires, Badger Memory, 1 ..... Marshville
B.A., Wake Forest College, 1927. *Education*

Stabler, James Carlisle, 2 ..... St. Matthews, S. C.
A.B. in Education, 1929. *History*

Stabler, Lewis Bellinger, 1, 2 ..... Columbia, S. C.
A.B., Wofford College, 1917. *French, Spanish*
A.M., 1926.

Starnes, Dewey Edward, 1, 2 ..... Holly Springs
A.B., Lenoir Rhyne College, 1925. *French, German*

Starnes, Lucy Gaylord, 1 ..... Holly Springs
A.B., Lenoir Rhyne College, 1927. *English*

Stephens, Beverly Randolph, 1, 2 ..... New Orleans, La.
B.A., Wellesley College, 1925. *English*

Stephens, Dorothy Maxine, 1, 2 ..... Hertford
A.B., North Carolina College for Women, 1926. *Zoölogy*

Stephens, Mollie Bruns, 1 ..... Holly Springs
B.S., Wake Forest College, 1927. *Education*

Stephenson, Hazel, 1 ..... Wilmington
A.B., Salem College, 1924. *English*
M.A., Columbia University, 1927.

Stevens, Stanley Scott, 1, 2 ..... Demorest, Ga.
Ph.B., Piedmont College, 1928. *Sociology*

Stevens, Elizabeth Phillips, 1, 2 ..... Demorest, Ga.
B.S., Piedmont College, 1929. *Chemistry*

Stevenson, Hazel Allison, 2 ..... Tallahassee, Fla.
Ph.B., University of Chicago, 1914. *English*
M.A., Columbia University, 1920.

Stewart, James William, 1, 2 ..... Beaufort
A.B., George Washington University, 1927. *Education, Psychology*

Stewart, Mary Jane, 1, 2 ..... Bristol, Va.
A.B., American University, 1929. *English*

Stiles, James Kelly, 1 ..... Bryson City
B.A., Wake Forest College, 1924. *Education*

Stilwell, Gladys, 1 ..... Silverstreet, S. C.
A.B., Newberry College, 1921. *Mathematics, Education*

Stone, Aubrey Lewis, 1 ..... Salem, W. Va.
A.B., Roanoke College, 1917. *Economics*

Stout, Beulah Mona, 1 ..... Greensboro
A.B., North Carolina College for Women, 1928. *English*

Stovall, Katherine, 1 ..... Douglas, Ga.
A.B., Georgia State College for Women, 1927. *History, English*

Strickland, Jessie Belle, 1 ..... Fremont
A.B., Meredith College, 1926. *French*

Stroud, Hazel Lee, 1 ..... Kinston
B.S., Meredith College, 1926. *Education*

Strowd, Annie, 2 ..... Chapel Hill
A.B., 1923. *English, Education*

Sumner, Leland Sease, 1 ..... Oakboro
A.B., Newberry College, 1921. *Special*

Swedenberg, Hugh Thomas, 1 ..... Greenville, S. C.
B.A., Presbyterian College of South Carolina, 1928. *English*
M.A., Columbia University, 1929.

Swor, Chester Thomas, 1, 2 ..... Clinton, Miss.
B.A., Mississippi College, 1929. *English, Spanish*

Tanner, Mathias Thomas, 1 ..... Rich Square
B.A., Wake Forest College, 1912. *Education, Mathematics*

Taylor, Cecil Grady, 1, 2 ..... Williamston
A.B. in Education, 1929. *French, Spanish*

Taylor, Fuller F., 2 ..... Edenton
A.B., Western Maryland College, 1898. *Education*
A.M., Harvard University, 1908.

Taylor, George Floyd, 1 ..... Franklin Springs, Ga.
A.B., 1928. *History*

Temple, Edgar Samuel, 1, 2 ..... Cameron
A.B., Lenoir Rhyne College, 1927. *Education*

Thomas, Georgia Lewis, 1 ..... LaGrange, Ga.
A.B., Wesleyan College, 1921. *English*

Thomas, Kathleen, 1, 2 ..... Hartsville, S. C.
A.B., Coker College, 1928. *History, Education*

Thomas, Laura Corbett, 2 ..... Greenville
B.S., Salem College, 1927. *Chemistry, Bacteriology*

Thompson, Frank Forbess, 1 ..... Education
A.B., Trinity College, 1914. *Evergreen*

Thompson, Hubert A., 1 ..... Richlands
A.B. in Education, 1928. *Special*

Thompson, Helen S., 1 ..... Fuquay Springs
A.B., Meredith College, 1926. *Education*

Thompson, Tallie Harold, Jr., 1 ..... Mt. Holly
A.B., 1925. *Education*

Thornberg, Mary, 1 .....
A.B., North Carolina College for Women, 1926. *Economics, Sociology*

Tilley, Aubrey, 2 ..... Scotland Neck
A.B., Newberry College, 1924. *History, Government*

Tillman, Martha Elizabeth, 1 ..... Bennettsville, S. C.
B.A., Converse College, 1928. *English*

Timmerman, Washington Poice, 2 ..... Hartsville, S. C.
B.S., Clemson College, 1928. *Education*

Tingle, Mary, 1, 2 ..... Forsyth, Ga.
A.B., Bessie Tift College, 1930. *English*

Trippe, Jessie Lilyan, 2 ..... Candor
B.A., East Carolina Teachers College, 1928. *French, Latin*

Turner, Frank Joseph, 1 ..... Mt. Ulla
A.B., Lenoir Rhyne College, 1927. *Education*

Turner, Lucile, 1, 2 ..... Lebanon, Ind.
A.B., Butler University, 1929. *English*

Tyer, Kathleen, 1, 2 .....
A.B., Blue Mountain College, 1928. *English*

Underhill, Florence Egerton, 1 ..... Louisburg
A.B., Duke University, 1903. *Mathematics*
A.M., 1928.

Underwood, Henrietta, 1 ..... Asheboro
A.B., 1929. *Latin, History*
A.M., 1930.

Unger, Robert McIlhenny, 1, 2 ..... Frederick, Md.
A.B., Western Maryland College, 1927. *Education, History*

Upshaw, Ora Emily, 1, 2 ..... Covington, Ga.
A.B., Shorter College, 1925. *English*

Valentine, Thomas Woodd, 1 ..... Hendersonville
A.B., Trinity College, 1892. *Latin, History*

Van Landingham, Eva Leonard, 1 ..... Heath Springs, S. C.
A.B., Coker College, 1920. *Education, English*

Van Landingham, Mary Brown, 1 ..... Heath Springs, S. C.
A.B., Winthrop College, 1918. *Education, English*

Vance, Rheba Cecilia, 2 ..... Chapel Hill
B.S., Coker College, 1929. *Sociology*

Vaughn, Eloise Brown, 1, 2 ..... Winston-Salem
A.B., Salem College, 1930. *French, German*

Voorhees, Walter Clark, 1, 2 ..... Pine Hall
A.B., 1923. *Education, English*

Wagner, Eliza Blanche, 1 ..... High Point
A.B., North Carolina College for Women, 1927. *Sociology, Education*

Wallace, Robert Marsden, 1.....Spartanburg, S. C.
A.B., Wofford College, 1928. *English*

Ware, Catherine Stinson, 1.....Wilson
A.B., Atlantic Christian College, 1929. *English, Education*

Waters, Jay Shirley, 1, 2.....Pittsboro
A.B., 1926. *Education*

Watkins, Evelyn Clyde, 1.....Pensacola, Fla.
A.B., Randolph-Macon Woman's College, 1928. *Latin, French*

Watkins, Joe Henry, 1, 2.....Charleston, S. C.
S.B. in Geology, 1927. *Geology*

Watson, Elliott Owen, 1, 2.....Greensboro
A.B., A.M., Wofford College, 1918. *History, Government*

Watson, Margie Marsh, 1, 2.....Greensboro
A.B., Greensboro College, 1929. *English, Education*

Watters, Mary, 1, 2.....Haynesville, La.
A.B., Ouachita College, 1917. *History, Government*
A.M., Baylor University, 1923.

Webster, James William, 1, 2.....Leaksville
A.B. in Education, 1930. *History, Education*

Webster, Maude Martha, 1, 2.....Stokesdale
A.B., Greensboro College, 1923. *Chemistry, Physics*
A.M., 1927.

Weisner, Foda White, 2.....Olin
A.B., North Carolina College for Women, 1922. *Special*

Wells, Mitchell Preston, 1, 2.....Edgefield, S. C.
A.B., University of South Carolina, 1925. *English*

Wenhold, Isabel, 1.....Winston-Salem
A.B., Salem College, 1927. *English*

Werts, Lily Mae, 1.....Newberry, S. C.
A.B., Winthrop College, 1928. *Latin, History*

West, Edwin Arthur, 1.....Fayetteville
A.B., Davidson College, 1924. *History, Education*

Whisnant, Charles Day, 1, 2.....Belmont
A.B. in Education, 1928. *Education, Physics*

White, Anna Elizabeth, 1, 2.....Statesville
A.B., University of Chattanooga, 1929. *Latin, French*

White, Thomas Edward, 1, 2.....Elon College
A.B., Elon College, 1901. *Spanish, French*

White, William Alpheus, 1.....Jamestown
A.B., Guilford College, 1914. *Rural Social Economics*
A.B., Haverford College, 1915.
A.M., *ibid.*, 1917.

Wier, Mildred Gay, 1, 2.....Starkville, Miss.
B.A., Mississippi State College for Women, 1926. *English*
M.A., University of Alabama, 1929.

Wildman, Charles F., 1.....Parmele
B.S., Davidson College, 1923. *Education*

Wildman, Carl Van, 1.....Parmele
A.B., University of Louisville, 1930. *English, Education*

Williams, Eunice Gayle, 1.....Fayetteville
A.B., North Carolina College for Women, 1925. *Education, Sociology*

Williams, James Alexander, 1.....Wingate
B.A., Wake Forest College, 1925. *Education, History*
M.A., *ibid.*, 1930.

Williams, J. Howard, 1.....Wingate
B.A., Wake Forest College, 1927. *Education, Mathematics*

Williams, James William, 1, 2.....Greensboro
A.B., 1929. *History*

Williams, Laura Gilbert, 2.....Lancaster, S. C.
A.B., Winthrop College, 1924. *English*

Williams, Mary Estelle, 1.....Camden, S. C.
A.B., Winthrop College, 1926. *French, English*

Williamson, Johnnie Lou, 1, 2.....Bogalusa, La.
A.B., Mississippi Woman's College, 1929. *French, Spanish*

Wilson, Elbert Ezra, 1.....High Point
A.B., LL.B., Wake Forest College, 1923. *Education, History*

Wise, Percy, 1.....Batesburg, S. C.
A.B. in Education, University of South Carolina, 1927. *French, English*

Wood, Christine, 1.....Sharpsburg, Ga.
A.B., Georgia State Teachers College, 1926. *Education, Mathematics*

Wood, Harriette, 2.....Washington, D. C.
A.B., Central Michigan Teachers College, 1922. *Sociology, Rural Social Economics*

Wood, Henry Alston, 2.....Lincolnton
A.B., 1927. *Education*

Wood, Jesse Herman, 1.....Pine Knob, Ky.
B.S., East Kentucky State Teachers College, 1928. *Chemistry, Physics*
M.S., University of Tennessee, 1929.

Wood, Lloyd Thomas, 1.....Clinton
B.A., Wake Forest College, 1924. *Education*

Workman, John Hilliary, 2.....Beaufort
A.B., 1913. *Education*

Wren, Sarah Margaret, 1.....Siler City
A.B., Greensboro College, 1928. *Education, English*

Wright, John Everett, 2.....Oakdale
B.A., Wake Forest College, 1928. *French, English*

Wynne, Waller, Jr., 1.....Charlotte
A.B., University of Richmond, 1928. *Sociology, Psychology*
A.M., Duke University, 1929.

Yarbrough, Gustie Mae, 1.....Macon, Ga.
A.B., Wesleyan College, 1928. *History, Government*

Yelton, Nathan Hunter, 1.....Tipton Hill
B.S., George Peabody College, 1928. *Education*

Yoder, Edwin Moses, 1.....Hickory
A.B., Lenoir Rhyne College, 1922. *Education*

Young, Edith Viola, 1.....Jacksonville, Fla.
B.S., Greenville Woman's College, 1928. *Sociology, Education*

Yount, Lily M., 1.....Ellerbee
A.B., Lenoir Rhyne College, 1924. *French, English*

UNDERGRADUATE AND PROFESSIONAL STUDENTS

Abbreviations are used to indicate the course pursued by each student as follows: Arts, Bachelor of Arts; Arts-Educ., Bachelor of Arts in Education; Arts-Laws, Bachelor of Arts and Laws; Arts-Jour., Bachelor of Arts in Journalism; Arts-Music, Bachelor of Arts in Music; Sci. Chem., Bachelor of Science in Chemistry; Sci. Med., Bachelor of Science in Medicine; Sci. Phar., Bachelor of Science in Pharmacy; Sci. Geol., Bachelor of Science in Geology; Elec. Engg., Bachelor of Science in Electrical Engineering; Civ. Engg., Bachelor of Science in Civil Engineering; Mech. Engg., Bachelor of Science in Mechanical Engineering; Chem. Engg., Bachelor of Science in Chemical Engineering; Comm., Bachelor of Science in Commerce; Comm.-Laws, Bachelor of Science in Commerce and Laws; Predent., course preparing for Dentistry; Premed., course preparing for Medicine; Prelaw, course preparing for Law; Med., course in Medicine; Phar., course in Pharmacy; Law, course in Law; Pub. Wel., course in Public Welfare; Spec., special student.

The figure following the course approximates the year of that student in that course. A degree shown has been awarded by this institution unless otherwise specified.

Aaron, Harold Isaac, Comm. 4	Spencer
Abbott, Peyton Bryant, Jr., Law 3 A.B., 1929	Winston-Salem
Abels, Lucas Clarence, Comm. 2	High Point
Abelson, Stanley Bennett, Premed. 3	Freeport, N. Y.
Abernethy, George Shuford, Sci. Med. 2	Hickory
Abernethy, Milton Avant, Arts 3	Hickory
Abernethy, William Edward, Jr., Arts-Laws 2	Rutherford College
Abrams, Seymour Henry, Comm. 2	East Orange, N. J.
Abramson, Jack, Sci. Med. 1	Brooklyn, N. Y.
Acee, John Marshall, Comm. 1	Asheville
Adair, James Cecil, Arts-Educ. 1	Pinehurst
Adams, Frank Marvin, Med. 1	Dillon, S. C.
Adams, George Cotton Smith, Arts 2	Columbia, S. C.
Adams, Joel Barber, Arts 2	Biltmore
Adams, Junius Greene, Jr., Law 2 A.B., 1929	Biltmore
Adams, John Sneed, Mech. Engg. 2	Asheville
Adams, Thaddeus Awasaw, Jr., Arts 2	Charlotte
Adams, Victor Harold, Arts 1	Elizabeth, N. J.
Adams, William Cary, Arts-Educ. 1	Gibson
Adams, William Clyde, Comm. 1	Bennettsville, S. C.
Adams, William Eugenius, Arts 2	Dunlap
Adams, William Jackson, Jr., Law 1 A.B., 1930	Carthage
Adderton, Richard Stokes, Sci. Med. 1	Lexington
Adkins, Trogler Francis, Sci. Med. 2	Durham
Aiken, Charles Hunter, Premed. 2	Asheville
Akers, Allen Edwin, Arts-Educ. 1	Roanoke Rapids
Albright, Robert Mayne, Arts 4	Raleigh
Alden, Joseph McDonald, Arts-Educ. 4	Arden
Alexander, Allen Leander, Sci. Chem. 4	Statesville
Alexander, Douglas Brevard, Arts 1	Goldston
Alexander, John Frederick, Comm. 1	New York, N. Y.
Alexander, James Moses, Med. 2	Derita

Alexander, Marion Romaine, Law 2 — Asheville
A.B., 1929
Alexander, Naomi, Law 2 — Charlotte
A.B., 1926
Alexander, Thomas Willis, Jr., Comm. 3 — Charlotte
Alexander, Walter Hubert, Jr., Sci. Geol. 2 — Parkersburg, W. Va.
Alford, George Haywood, Jr., Elec. Engg. 3 — Holly Springs
Allen, Arch Turner, Jr., Law 1 — Raleigh
S.B. in Civ. Engg., 1930
Allen, Burwell Algernon, Comm. 2 — Weldon
Allen, George Lewis, Arts 2 — Reidsville
Allen, Harrison McClellan, Elec. Engg. 2 — Snow Camp
Allen, James Edgar, Comm. 1 — New York, N. Y.
Allen, Lawrence Milton, Comm. 3 — Benson
Allen, Robert Anthony, Comm. 1 — West Hartford, Conn.
Allison, Charles Walter, Jr., Sci. Med. 2 — Charlotte
Allison, Harry Caldwell, Arts-Educ. 3 — Concord
Allred, Frederick Jackson, Arts-Educ. 1 — Liberty
Allsbrook, William Alton, Prelaw 1 — Portsmouth, Va.
Allsbrook, William Randolph, Arts 2 — Roanoke Rapids
Alphin, Robert Lee, Phar. 3 — Wendell
Alston, Philip King, Arts 3 — Raleigh
Aman, Cyrus Walton, Comm. 1 — Jacksonville
Ames, Nathan, Arts 2 — Roxbury, Mass.
Anderson, Charles Whitney, Arts-Educ. 1 — Charlotte
Anderson, Francis Irving, Arts-Laws 2 — Reidsville
Anderson, Henry Landon, Arts 2 — Raleigh
Andrew, Clyde Monroe, Comm. 3 — Greensboro
Andrews, Alex Boyd, Comm. 1 — Raleigh
Andrews, John, Civ. Engg. 3 — Biltmore
Angel, Walton William, Arts-Educ. 3 — Swiss
Anthony, Andrew Lewis, Arts-Educ. 1 — Cherryville
Antley, Liller May, Comm. 4 — Cameron, S. C.
Anucauskas, Ray Paul, Comm. 1 — Rockford, Ill.
Appel, Louis, Med. 2 — Brooklyn, N. Y.
Arenson, Simon Weil, Sci. Phar. 4 — Baltimore, Md.
Armfield, John Wyatt, Arts 3 — Concord
Armistead, John, Jr., Arts 1 — Birmingham, Ala.
Armstrong, William Eugene, Arts 2 — Belmont
Arnold, Broddie Duke, Sci. Phar. 4 — Fuquay Springs
Arthur, William, Arts-Jour. 2 — Charlotte
Ashcraft, John Bulla, Comm. 4 — Monroe
Ashe, William Gardner, Arts 1 — Wilson
Ashkenas, Sidney Alexander, Comm. 1 — Brooklyn, N. Y.
Ashley, Frank Watts, Arts-Educ. 1 — Gastonia
Askew, David Etheldred, Chem. Engg. 2 — Snow Hill
Atiyeh, Frederick Edward, Arts 3 — Brooklyn, N. Y.

Atkins, Callis Harney, Civ. Engg. 4	White Plains
Atkinson, Jack, Arts 1	Wilmington
Atkinson, William Mayo, Jr., Civ. Engg. 3	Wilmington
Atwood, Robert Clark, Comm. 2	Durham
Auman, Howard Frank, Comm. 3	Seagrove
Auman, Jason MacGregor, Arts-Educ. 2	West End
Austin, Casper Marion, Comm. 3	Winston-Salem
Avent, Clyde Brown, Arts-Educ. 1	Bynum
Avery, DuBose, Elec. Engg. 1	Morganton
Avery, Robert Hill, Comm. 3	New Brunswick, N. J.
Avner, David Leonard, Med. 1	Morgantown, W. Va.
Aycock, Edwin Burtis, Med. 1 A.B., 1930	Fremont
Bacon, William Mangum, Jr., Arts 2	Stem
Bacot, Walter Westfield, Comm. 2	River Forest, Ill.
Bagby, George Lewis, Comm. 4	Charlotte
Bailey, Loretta Carroll, Arts 4	Chapel Hill
Baird, Jay Lee, Arts 2	Matthews
Baker, Ashby Lee, Comm. 2	Raleigh
Baker, Julian Tucker, Comm. 2	Raleigh
Baker, Merritt Clarence, Arts-Educ. 4	Buffalo, N. Y.
Baker, Otis Walton, Comm. 4	Carthage
Baker, Raleigh Walter, Phar. 1	Mocksville
Balding, Cecil Leonard, Sci. Med. 2	New York, N. Y.
Baldwin, Hillard Poplin, Elec. Engg. 2	Fayetteville
Baldwin, Robert Edwin, Arts 2	Fayetteville
Baldwin, Thomas Roper, Arts 4	Randleman
Baldwin, Worth Bagley, Civ. Engg. 1	Goldsboro
Baley, James Major, Jr., Law 1	West Asheville
Balis, Samuel, Arts 1	Newark, N. J.
Ballenger, Alice Caroline, Arts 4	Spartanburg, S. C.
Ballenger, Edgar Garrison, Jr., Arts 2	Atlanta, Ga.
Balyo, Clyde Groce, Elec. Engg. 1	Greenville, S. C.
Barber, Milton Augustus, Jr., Arts 2	Raleigh
Barber, Richard Neely, Comm., Special	Waynesville
Barclay, George Thomas, Mech. Engg. 1	Natrona, Penna.
Barefoot, Lexie Glenn, Phar. 3	Four Oaks
Barfield, William Claude, Comm. 3	Newport
Barham, Rubens Dennis, Arts-Educ. 1	Madison
Barham, Samuel A., Elec. Engg. 3	Madison
Barker, Thomas Hays, Jr., Arts 4	Leaksville
Barnes, Bennett Harper, Arts 2	Lillington
Barnes, John Daniel, Comm. 3	Wilmington
Barnes, James Houston, Comm. 1	Greensboro
Barnes, William Edwin, Arts 2	Wilson
Barnett, Robert Warren, Arts 2	Shanghai, China

Barnett, William Gilbert, Arts 1	Derita
Barnhardt, Albert Earl, Med. 2 A.B., 1929	Concord
Barnhill, Maurice Victor, Jr., Arts 1	Rocky Mount
Barnwell, Grady Glenn, Premed. 2	Edneyville
Baroody, Theodore Alexander, Elec. Engg. 3	Florence, S. C.
Barr, Aaron, Sci. Med. 3	Brooklyn, N. Y.
Barrett, Aeneas Wilton, Arts 2	Conway, S. C.
Barrett, Sterling Archie, Med. 1	Fayetteville
Barringer, Archie Sipe, Premed. 1	Mt. Pleasant
Barrow, John Knox, Jr., Arts 1	Zebulon
Barry, Harry Mansel, Comm. 2	Unicoi, Tenn.
Bartholomew, Charles, Arts 1	Oak Park, Ill.
Barwick, Eloise, Arts 3	Raleigh
Bass, James Lloyd, Arts-Educ. 3	Pikeville
Bateman, James Anson, Arts-Jour. 3	Roper
Bateman, Walter Robert, Chem. Engg. 1	Rockingham
Bates, Andrew Jackson, Arts 1	Montclair, N. J.
Bates, George Washington, Arts-Educ. 3	Forest City
Battley, William Richard, Comm. 3	Hamlet
Batts, William Carroll, Comm. 1	Aulander
Baucom, Clifford Randall, Arts-Educ. 4	Winston-Salem
Baumstone, Harold, Arts 2	New York, N. Y.
Beachum, Arnold Edward, Arts-Educ. 1	Wadesboro
Beakley, John Coleman, Arts 4	Asheville
Beal, William Albert, Arts-Educ. 3	Gulf
Beale, Seth McPherson, Premed. 2	Snow Camp
Beale, William Earle, Comm. 2	Wilmington
Beam, David James, Jr., Arts-Educ. 4	Vale
Beam, David Paul, Arts-Educ. 2	Bessemer City
Beam, Everett Guy, Comm. 3	Chapel Hill
Beam, Hoyle Franklin, Comm. 2	Chapel Hill
Beam, William Bennett, Sci. Med. 2	Charlottesville, Va.
Beaman, John William, Arts 3	New Bern
Beck, Carl Leon, Arts-Educ. 1	Thomasville
Beebe, Howard Ward, Comm. 1	Brooklyn, N. Y.
Bell, Clay Covington, Arts 4	Rockingham
Bell, David Wilkinson, Jr., Sci. Phar. 4	Washington, D. C.
Bell, Marshall Cornett, Arts-Educ. 1	Murphy
Bell, William McRae, Arts 3	Rockingham
Bender, Frank Taylor, Arts-Educ. 2	Polloksville
Bendigo, Clare William, Arts 2	Greensboro
Benjamin, Abraham, Arts 2	Elizabeth, N. J.
Bennett, Frank, Jr., Comm. 2	Wadesboro
Bennett, Millard Holmes, Comm. 1	Springfield, Mass.
Bennett, Thomas Sheffield, Premed. 1	Wadesboro
Benoit, Henry Bell, Jr., Comm. 3	Charlotte

Benton, George Ruffin, Jr., Med. 1	Fremont
Benton, Mills Scot, Law 3 A.B., 1929, Guilford Col.	Sunbury
Benzing, William Martin, Jr., Sci. Med. 2	Asheville
Berlind, Samuel Guy, Comm. 2	Bronx, N. Y.
Bernhardt, Robert Linn, Jr., Arts 2	Salisbury
Berwanger, Sybille Kahn, Arts 3	Raleigh
Bessen, Jack, Arts 2	New Rochelle, N. Y.
Best, Glenn Eben, Sci. Med. 3	Chapel Hill
Best, Lucius Pender, Comm. 2	Warsaw
Best, Marcellus James, Comm. 1	Goldsboro
Best, Paul Leonard, Arts-Educ. 1	Bessemer City
Bethune, George Gaither, Arts 1	Raeford
Betts, Robert Edward, Arts 4	Raleigh
Bevacqua, Attilio Emilio, Mech. Engg. 3	Mt. Vernon, N. Y.
Biggs, Alexander Graham, Chem. Engg. 2	Winston-Salem
Biggs, George Henry, Comm. 2	Wilmington
Biggs, William Archibald, Jr., Sci. Chem. 4	Rockingham
Bisaner, Edgar Alan, Comm. 2	Hickory
Bissell, Charles Webber, Mech. Engg. 1	Grand Rapids, Mich.
Bissell, Whitner Nutting, Arts 3	New York, N. Y.
Bivins, James Daniel, Arts-Educ. 1	Albemarle
Bivins, John S., Arts-Educ. 4	Monroe
Bivins, Thomas Joel, Arts-Educ. 4	Monroe
Black, Fischer Sluffly, Elec. Engg. 2	Bryson City
Black, Lula Belle, Sci. Med. 2	Mt. Holly
Black, Nettie Marie, Premed. 2	Mt. Holly
Blackhurst, James Watts, Comm. 1	Baltimore, Md.
Blackwelder, Barrie Bascom, Arts 1	Hickory
Blackwelder, Frank Winfield, Arts 3	Griffin, Ga.
Blackwell, Thomas Winfield, Jr., Arts 1	Winston-Salem
Blackwood, Cosby Glenn, Comm. 3	Winston-Salem
Blackwood, Carl Walter, Arts-Educ. 4	Melvin Hill
Blackwood, Irvin Sigmon, Comm. 2	Greensboro
Blackwood, Jacob Curtis, Arts-Educ. 4	Melvin Hill
Blair, Stanley Redding, Comm. 4	Trinity
Blake, Roy Baxter, Arts-Educ. 3	Mocksville
Blauman, Gilbert, Comm. 2	New Rochelle, N. Y.
Bliss, William Merlin, Arts 3	Orlando, Fla.
Bloom, Aaron, Predent. 2	Bronx, N. Y.
Blount, William Fisher, Arts-Laws 1	Pensacola, Fla.
Blue, Daniel Albert, Chem. Engg. 1	Laurinburg
Blue, John Angier, Comm. 2	Aberdeen
Blueglass, George Warren, Arts 2	Brooklyn, N. Y.
Blythe, Cloyd Eubanks, Arts-Educ. 3	Huntersville
Blythe, Franklin Webb, Comm. 1	Huntersville

Blythe, William Walton, Arts-Educ. 1	Huntersville
Bobbitt, James Miles Standish, Chem. Engg. 1	Rocky Mount
Boddie, William Willis, Elec. Engg. 1	Oxford
Boger, William Gordon, Arts 3	Morganton
Bolton, Robert Baugham, Phar. 3	Rich Square
Boney, Carlos Wilton, Comm., Special	Clinton
Bonner, Norman James, Sci. Chem. 2	Athol, Mass.
Bonner, William Wilbour, Arts 1	Lyndonville, Vt.
Bontomase, Jasper, Sci. Med. 2	Oswego, N. Y.
Booker, Julian, Comm. 2	Smithfield
Boone, Caesar, Mech. Engg. 1	Greensboro
Boone, Edwin Theodore Porter, III, Arts 2	Lumberton
Boring, Hampton Wade, Comm. 3	Chapel Hill
Boucher, George Paul, Law 2	Damascus, Va.
A.B., 1926, Emory and Henry Col.	
Bourdelat, George Patterson, Comm. 4	Wagram
Bowers, Hazel Judith Lee, Arts 3	Spencer
Bowie, Thomas Contee, Jr., Arts 4	West Jefferson
Bowman, Howard Graydon, Arts-Educ. 3	Statesville
Boyd, Charles Henry, Jr., Elec. Engg. 3	Spray
Boyd, Henry Armistead, Arts 2	Warrenton
Boyd, Jack Hardee, III, Comm. 3	Greenville
Boyette, Brandol Lee, Comm. 4	Murfreesboro
Boyette, Staton Edward, Comm. 1	Smithfield
Boyle, Bryson Irvin, Arts 1	Charlotte
Boyle, Clyde Edwin, Arts 1	High Point
Boynton, Woodward Leavenworth, Arts 3	Highland Park, Ill.
Boysworth, James Thomas, Elec. Engg. 4	Norwood
Braddock, Walter Burgess, Comm. 1	New Smyrna, Fla.
Bradley, Curtis Lee, Elec. Engg. 2	Troy, S. C.
Bradley, James Haverson, Arts 2	Rocky Mount
Bradley, Roy Woodward, Arts-Laws 1	Greensboro
Brady, Samuel Vick, Comm. 2	Smithfield
Brame, Maurice Milam, Jr., Phar. 1	Winston-Salem
Branch, John Dunn, Comm. 3	Salisbury
Branch, James Goode, Arts 1	Burgaw
Brandt, George Frederick, Comm. 1	Washington, D. C.
Brantley, James Otis, Arts 1	Sanford
Braswell, William Thomas, Jr., Arts 4	Whitakers
Brawley, Charles Heriot, Arts 2	Durham
Brawley, Robert Vance, Arts, Special.	Salisbury
Braxton, Dixie Fountain, Arts 1	Dover
Bray, Bun Benton, Jr., Arts-Educ. 2	Siler City
Breen, Samuel Jefferson, Arts 3	Rocky Mount
Bremer, Theodore Walter, Arts 3	Wilmington
Brennan, Edward Joseph, Comm. 2	Oak Park, Ill.

Brenner, Edward, Chem. Engg. 2 — Hendersonville
Bretsch, Cornelius Beckham, Comm. 1 — Raleigh
Brickell, Harold Odell, Prelaw 1 — Washington
Brickman, Evelyn Ruth, Arts 3 — Brooklyn, N. Y.
Bridger, Henry Clyde, III, Sci. Med. 2 — Bladenboro
Bridgers, James Kelly, Elec. Engg. 2 — Nashville
Bridgers, William Ashley, Arts 2 — Wilson
Briggs, Vernon Lewis, Arts 2 — Middletown, Conn.
Brock, Robert Brown, Comm. 2 — Florence, Ala.
Brooker, Lofton Plunkett, Comm. 3 — Asheville
Brooks, Aubrey Lee, Jr., Arts-Laws 2 — Greensboro
Brooks, Frederick Phillips, Med., Special — Chapel Hill
S.B. in Chem., 1921; S.M., 1922; Ph.D., 1926
Brooks, Hayes Allen, Comm. 2 — Falcon
Brooks, Julian Allen, Elec. Engg. 1 — Peachland
Brooks, Ronald Ethelbert, Comm. 2 — Elkins Park, Penna.
Brooks, Thomas Henry, Comm. 2 — Huntington, W. Va.
Brooks, Thornton Higbie, Arts 1 — Greensboro
Brookshire, Harley Gaskill, Jr., Sci. Med. 1 — Asheville
Broughton, Thomas Harrell, Arts 1 — Dunn
Brower, Irving Clinton, Jr., Arts 2 — Greensboro
Brown, Alexander MacLeod, Arts 4 — Southern Pines
Brown, Bonnie Curlee, Phar. 3 — Elkin
Brown, Bernard Francis, Arts 2 — Middletown, Conn.
Brown, Charles Robert, Arts-Educ. 2 — Hillsboro
Brown, Clyde Russell, Med. 1 — Potecasi
A.B., 1919, Trinity Col. (now Duke Univ.)
Brown, Elmer Evans, Med. 1 — Greensboro
A.B., 1928, Davidson Col.
Brown, Eugene Field, Predental 2 — Hillsboro
Brown, George, Arts 2 — Bronx, N. Y.
Brown, Gordon Graham, Arts-Educ. 3 — Selma
Brown, George Kay, Arts 1 — Chapin, S. C.
Brown, Hershel Gordon, Phar. 1 — Efland
Brown, James Arthur, Med. 1 — Cleveland
B.S., 1930, Davidson Col.
Brown, John Bass, Jr., Elec. Engg. 1 — Charlotte
Brown, John Leonard, Jr., Civ. Engg. 4 — Concord
Brown, Jerry Marvin, Jr., Arts 1 — Winston-Salem
Brown, Landis Gold, Med. 2 — Selma
Brown, Melvin John, Comm. 1 — Jamaica, N. Y.
Brown, Milton Selby, Arts 2 — Washington
Brown, Maude Turner, Arts 4 — Hillsboro
Brown, Peyton Randolph, Arts-Educ. 1 — Vanceboro
Brown, Royall Randolph, Comm. 2 — Blacksburg, Va.
Brown, Thomas Duncan, Arts 1 — Baltimore, Md.
Brown, Theron Remfry, Comm. 3 — Greensboro

Brown, Travis Taylor, Law 2 A.B., 1929	Charlotte
Brown, Thomas Wiley, Arts 1	Chapel Hill
Brown, Vernon Louis, Comm. 2	Sea Gate
Brown, Walter Duncan, Arts-Educ. 1	Raeford
Brown, Walter Earle, Premed. 1	Wilson
Browne, Herbert Thompson, Med. 1	Nashville, Tenn.
Browne, Janet Murray, Arts-Educ. 3	Ahoskie
Brownstein, Sidney, Arts 2	Brooklyn, N. Y.
Brunda, Franklyn Lamarr, Comm. 1	Nesquehoning, Penna.
Bryan, Norwood Eason, Comm. 3	Newton Grove
Bryan, Norman Luther, Jr., Civ. Engg. 4	Dunn
Bryan, William Dempsey, Jr., Elec. Engg. 3	Tarboro
Bryant, Earle Osgood, Chem. Engg. 3	Clinton
Bryant, George Badger, Arts, Special	Pineville
Bryson, Holmes, Arts 2	Asheville
Bryson, Walter Moore, Law 3	Asheville
Buchanan, Elmer William, Phar. 2	Greensboro
Buchanan, Robert Augustus, Phar. 2	Greensboro
Buck, Henry Lee, Jr., Comm. 1	Conway, S. C.
Buck, Ruby Delight, Arts 4	Bald Mountain
Budd, Stacy Oby, Sci. Med. 1	Mt. Vernon Springs
Buford, Harry Blackburn, Jr., Arts-Educ. 1	Salisbury
Buie, John McNair, Comm. 3	Wagram
Buie, Mary Black, Arts-Jour. 3	Jackson Springs
Bullard, Cecil Fisher, Mech. Engg. 3	Fayetteville
Bullock, John, Comm. 1	Roxboro
Bullock, William Howard, Comm. 1	Ayden
Bunch, Frederick Brenning, Jr., Law 1	Statesville
Bunch, Luther Elmo, Phar. 1	Edenton
Bunn, James Harry, Jr., Sci. Med. 2	Henderson
Bunn, James Pettigrew, Jr., Sci. Med. 3	Battleboro
Bunn, James Phillips, Jr., Arts-Laws 1	Rocky Mount
Bunn, Philip Carter, Arts 1	Spring Hope
Bunn, Robert Dean, Med. 1 B.S., 1929, N. C. State Col. of A. and E.	Henderson
Bunn, Turner Battle, Jr., Comm. 2	Rocky Mount
Burch, Lacy David, Arts-Educ. 2	Chapel Hill
Burch, William Albert, Jr., Elec. Engg. 3	Danville, Va.
Burgwyn, John Griffin, Arts 1	Woodland
Burke, William Levi, Jr., Comm. 4	Burlington
Burnett, James Thomas, Comm. 2	Sims
Burnett, Robert Trafford, Mech. Engg. 3	Tryon
Burroughs, John Kredel, Comm. 2	Savannah, Ga.
Burroughs, Mary, Arts 3	Savannah, Ga.
Burwell, Walker Pettyjohn, Arts 1	Warrenton
Butler, Carmen Malet, Comm. 2	Roseboro

Butler, Edwin Elliotte, Law 1	Clinton
Butler, Herbert Perry, Comm. 2	Reidsville
Butler, James Percy, Arts 1	Portsmouth, Va.
Butler, June Rainsford, Special	Chapel Hill
Butler, Paul Caraway, Arts 2	Liberty
Bynum, Seny, Sci. Med. 2	Chapel Hill
Bynum, William, Arts 1	Asheville
Byrd, Jack Blackwell, Prelaw 1	Darlington, S. C.
Byrd, John McKay, Jr., Arts 1	Coats
Cadmus, Richard Carroll, Elec. Engg. 3	Baltimore, Md.
Cahoon, Carroll Ephron, Mech. Engg. 1	Engelhard
Cahoon, Edward Purnell, Phar. 3	Columbia
Cain, Frederick Caldwell, Civ. Engg. 2	Canton, Miss.
Caiola, Richard Joseph, Arts-Educ. 1	Astoria, N. Y.
Caldwell, Allen Tribble, Comm. 2	LaGrange, Ga.
Caldwell, Leazer McCorkle, Premed. 1	Concord
Caldwell, Robert Sarratt, Predent. 2	Charlotte
Calhoun, Lander Eugene, Med. 1	Laurinburg
B.S., 1925, Davidson Col.	
Calloway, Henry Waters, Jr., Arts 1	Concord
Cameron, Charles Brantley, Arts 1	Raeford
Cameron, Clarence Paul, Sci. Med. 1	Hope Mills
Cameron, Melvin Turner, Arts-Educ. 2	Cameron
Cameron, Neil Crowson, Civ. Engg. 2	Manley
Campbell, Colin Lawson, Comm. 2	Winston-Salem
Campbell, Donald Paul, Comm. 1	Washington, D. C.
Campbell, Hugh Brown, Law 2	Lakewood, O.
A.B., 1929, Amherst Col.	
Campbell, Malcolm Arthur, Jr., Comm. 1	Raeford
Campbell, Roy Hill, Comm. 3	Parkton
Campbell, Thomas Judd, Comm. 3	Lake Wales, Fla.
Campen, Tolar Brisben, Comm. 2	Emerson
Cannon, Jasper Archibald, Jr., Law 1	Concord
B.S., 1931, Davidson Col.	
Cannon, Martin Luther, Jr., Arts 1	Charlotte
Cannon, Robert Lawrence, Comm. 3	Ayden
Cantrell, Clyde Hull, Arts 2	Charlotte
Capehart, George Washington, Jr., Comm. 2	Windsor
Caraway, George Dewey, Comm. 3	Snow Hill
Carey, Alan Pope, Comm. 1	Summit, N. J.
Carland, Eugene, Jr., Civ. Engg. 1	Asheville
Carlisle, Frank Mehegan, Jr., Elec. Engg. 3	Tarboro
Carlton, Charles Walton, Comm. 2	Statesville
Carmichael, Cecil Kenneth, Arts-Educ. 1	Elm City
Carmichael, Dougald Malcolm, Arts-Educ. 3	Rocky Mount
Carmichael, Robert Harllee, Comm. 2	New York, N. Y.
Carpenter, Stanley Manning, Law 1	Durham
S.B. in Commerce, 1929	

Carr, Alice Alexander, Arts-Educ. 4	Morrisville
Carr, Alpheus Branch, Comm. 3	Wilson
Carr, Claiborne McDowell, Jr., Arts 1	Woodmere, N. Y.
Carr, Chalmers Rankin, Premed., Special A.B., 1928, Davidson Col.	Mooresville
Carr, Frederick Louis, Jr., Law 1	Wilson
Carr, William Bryant, Arts-Educ. 4	Hillsboro
Carraway, Arthur Oakley, Comm. 2	Snow Hill
Carroll, Thomas Sterling, Comm. 1	Apex
Carroll, William Wright, Phar. 3	Cooper
Carruth, James Robert, Premed. 1	Arlington, N. J.
Carson, Merl John, Premed. 1	Raleigh
Carter, Daniel Weamer, Arts-Educ. 4	Pitman, N. J.
Carter, Mary Anderson, Arts-Educ. 4	Fayetteville, Tenn.
Carter, Marye, Arts-Educ. 3	Mars Hill
Carter, Paul Stuart, Arts 3	Long Island, N. Y.
Carter, Shirley Reneigh, Arts 2	Duffield, Va.
Cartland, Edwin Douglas, Arts 1	Greensboro
Carver, Flemiel Oscar, Jr., Arts 2	Roxboro
Case, Wallace Talmadge, Comm. 3	Southern Pines
Cassada, Harry Halleck, Comm. 2	Littleton
Cate, Arlindo Sanders, Arts 2	Greensboro
Cates, Clarence Coleman, Law 2 A.B., 1930	Burlington
Catlette, James Louis, Arts-Educ. 1	Yanceyville
Caudle, Arlyss Franklin, Phar. 1	Randleman
Chace, Richard Amzen, Arts 4	Fall River, Mass.
Chaconas, Thomas James, Arts 4	Washington, D. C.
Chadbourn, James Harmon, Law 3 A.B., 1926, The Citadel	Wilmington
Chafetz, Nathan Robert, Premed. 1	New York, N. Y.
Chamberlain, Harmon Paine, Arts 3	Worcester, Mass.
Chamberlain, Richard Mitchell, Law 1	Winston-Salem
Chambers, Elliott Jerome, Jr., Comm. 2	Fairmont
Chandler, George Wallace, Jr., Comm. 1	Winston-Salem
Chandler, Stuart McVeigh, Arts-Educ. 2	Durham
Chandler, William James, Arts 4	Winston-Salem
Chapin, Roy Bartlett, Comm. 1	Greenfield, Mass.
Chapin, William Burdette, Arts 1	Pittsboro
Chapman, Henry Clay, Sci. Med. 1	Dover
Chapman, James Kenneth, Phar. 1	Womelsdorf, Penna.
Chatham, Raymond Hunt, Comm. 2	Elkin
Cheek, Aubrey Mebane, Arts 2	Durham
Cherry, Lester Thomas, Comm. 1	Washington
Cheves, James Edward, Arts-Educ., Special	Bunn
Choate, Page, Elec. Engg. 4	Salisbury
Chrisco, Howard Fentriss, Chem. Engg. 4	Chapel Hill

Chrisco, Otis Lindo, Arts-Educ. 1	Chapel Hill
Christian, Elizabeth Irving, Med. 2 B.S., 1919, Univ. of Penna.	Greensboro
Ciancio, Joseph Vincent, Arts-Laws 1	New Rochelle, N. Y.
Clapp, Ernest Bernard, Phar. 2	Greensboro
Clapp, Howard Russell, Mech. Engg. 1	Swannanoa
Clark, Claude Baxter, Jr., Sci. Phar. 2	Williamston
Clark, Haywood Ashley, Comm. 1	Hempstead, N. Y.
Clark, Rance Edward, Phar. 3	Pinetops
Clark, Samuel Gordon, Phar. 1	Pittsboro
Clark, Stuart Lee, Comm. 3	High Point
Clary, Morris Shaw, Arts-Educ. 3	Rosemary
Clawson, Frank Doane, Civ. Engg. 2	Beaufort
Clayton, Edward Lewis, Comm. 1	Tarboro
Cleland, Thomas Montgomery, Arts 4	New York, N. Y.
Clemmons, Rod Roscoe, Comm. 1	Awendaw, S. C.
Click, Henry Franklin, Elec. Engg. 1	Ravenswood, W. Va.
Clifford, James Henry, Comm. 1	Statesville
Clinard, John Wilson, Jr., Comm. 3	High Point
Cline, Martin Luther, Phar. 2	Granite Falls
Clodfelter, Clarence Lee, Phar. 3	Thomasville
Coates, Norman Nathan, Arts 2	Brooklyn, N. Y.
Cobb, Delmore Lyle, Arts 2	Dallas, Tex.
Cobb, Howell, Comm. 1	Raleigh
Cobb, Whitfield, Jr., Arts 1	Winston-Salem
Coble, James Clifford, Phar. 2	Snow Camp
Coble, Wade Greason, Comm. 1	Burlington
Coburn, Rufus Theodore, Law 1	Raleigh
Cochrane, Arthur Linwood, Jr., Phar. 2	Weldon
Cochrane, Graham Clarke, Comm., Special	Greensboro
Cocke, George Dilworth, Arts 1	Asheville
Cockerham, Zebulon Vance, Arts-Educ. 2	Mt. Airy
Coffield, Ben Davis, Sci. Med. 3	Columbia
Cohen, Arthur Albert, Mech. Engg. 1	Scranton, Penna.
Cohen, Lee, Arts 3	Brooklyn, N. Y.
Cohen, Milton, Comm. 4	Flushing, N. Y.
Cohen, Maurice Aaron, Sci. Med., Special A.B., 1930, Dartmouth Col.	Holyoke, Mass.
Cohen, Max Joseph, Arts 3	Brooklyn, N. Y.
Cohen, Raymond, Comm. 3	Henderson
Cohen, Solomon Paul, Premed. 3	Weehawken, N. J.
Coker, Robert Ervin, Jr., Arts 3	Chapel Hill
Cole, Allen Vincent, Comm. 2	Oak Park, Ill.
Cole, Frank Adrian, Jr., Arts 3	Weldon
Cole, George Lough, Law 3	Fairmont, W. Va.
Cole, John Robert, Phar. 1	Melvin Hill
Coleman, William Jesse, Arts-Educ. 1	Wilson

Coleman, William Rose, Comm. 1	Rocky Mt.
Coley, Cheatham Garth, Comm., Special	Raleigh
Collett, Noah Webster, Comm. 1	Salisbury
Collier, Walter Ennis, Comm. 2	Baltimore, Md.
Collins, Benjamin Perry, Comm. 2	Washington, D. C.
Collins, Kate Drucilla, Arts-Educ. 4	Wingate
Colyer, Howard Lawrence, Arts 1	Floral Park, N. Y.
Colyer, Robert Fairlie, Elec. Engg. 1	Jacksonville, Fla.
Comer, Anne Jeannette, Arts-Educ. 3	Chapel Hill
Cone, Harold Simson, Arts 2	Greensboro
Conklin, Donald Rouse, Arts-Educ. 2	Cazenovia, N. Y.
Conley, Bee Hunter, Chem. Engg. 1	Morganton
Connell, Daniel Francis, Comm. 2	River Forest, Ill.
Connolly, Jack Calhoun, Sci. Med. 3	Taylorsville
Connolly, Walter Eugene, Jr., Arts 2	Leasburg
Connor, Henry Groves, Jr., Arts 2	Wilson
Conrad, Edward Victor, Comm. 3	West Orange, N. J.
Cook, James Edward, Mech. Engg. 1	High Point
Cook, James Filmore, Sci. Chem. 1	Lenoir
Cook, Joel Lawrence, Comm. 3	Fayetteville
Cook, Walter Miller, Jr., Arts 1	Salisbury
Cooke, Benjamin Clarence, Comm. 3	Franklinton
Cooke, Donald Parkhurst, Comm. 3	Gardiner, Me.
Cooke, Henry Maddrey, Phar. 1	Salisbury
Cooke, Lloyd Alfred, Arts-Educ. 2	Charlotte
Cooper, John Phil, Comm. 3	Raleigh
Cooper, Williams, Comm. 4	Oxford
Cope, Ansley, Comm. 1	Savannah, Ga.
Copeland, William Robert, Predent. 1	Windsor
Cordle, Thomas Llewellin, Elec. Engg. 2	Greensboro
Cornwall, Charles Costner, Mech. Engg. 3	Winston-Salem
Cornwell, George Thomas, Sci. Phar. 2	Lawndale
Correll, Mary Lillian, Sci. Med. 2	Chapel Hill
Costi, Philip Edward, Premed. 1	Rome, N. Y.
Costner, Beverly Pulaski, Jr., Arts 1	Lincolnton
Couch, Joseph Herbert, Arts 2	Chapel Hill
Council, Claude Douglas, Comm. 1	Chapel Hill
Covington, Richard Lee, Comm. 2	Norfolk, Va.
Covington, William Thomas, Jr., Law 2	Raeford
A.B., 1927, Davidson Col.	
Covington, William Victor, Sci. Med. 2	Fayetteville
Cowan, Andrew James, Civ. Engg. 1	Tryon
Cowhig, Robert Kelley, Mech. Engg. 2	Charlotte
Cowper, Marion Rountree, Civ. Engg. 4	Kinston
Cox, John Hulon, Arts-Jour. 1	Winston-Salem
Cox, Joseph Monti, Arts 1	Laurinburg
Cox, James Roosevelt, Arts-Educ. 3	Asheboro

Cox, Marshall Rudolph, Arts-Educ. 1 Staley
Cozart, Sydnor Moye, Comm. 3 Wilson
Craig, David Jenkins, Jr., Law 2 Charlotte
A.B., 1930
Craig, Donnell Winston, Elec. Engg. 1 Windsor
Craig, Elsa Snowden, Arts-Educ. 4 Chapel Hill
Craig, Irvin Montgomery, Jr., Civ. Engg. 1 Florence, S. C.
Craig, Leslie Shaw, Arts-Jour. 2 Bassett, Va.
Craig, Ray Palmer, Phar. 3 Stanley
Crane, Frank Latham, Arts-Educ. 4 Waxhaw
Crane, Vance Hampton, Comm. 1 Fayetteville
Cranford, Samuel Davis, Phar. 1 Asheboro
Craven, Claude Jackson, Arts-Educ. 4 Charlotte
Crawford, Abraham Craig, Arts-Educ. 1 Chapel Hill
Crawford, Theodore McLellan, Arts, Special Rowland
Crawford, Walter Scott, Elec. Engg. 4 Chapel Hill
Crawley, William Kermit, Sci. Med. 1 Raeford
Credle, Burnice Leon, Comm. 4 Swan Quarter
Creech, James Rufus, Jr., Premed. 1 Smithfield
Creech, Leonard Ralph, Phar. 1 Smithfield
Creuser, Kent, Arts 4 South Norwalk, Conn.
Crew, Stanley Ellis, Arts 4 Pleasant Hill
Crews, Charles Franklin, Jr., Comm. 2 Greensboro
Cromartie, Alva Simpson, Jr., Arts 1 Fayetteville
Cromartie, Robert Samuel, Jr., Premed. 3 Elizabethtown
Cromartie, William James, Sci. Med. 1 Elizabethtown
Crook, Vernon Baldwin, Arts 3 Concord
Croom, James Dallas, Comm. 2 Maxton
Croom, John Harold, Arts 4 Fayetteville
Croom, William David, Comm. 2 Burgaw
Crotts, Raymond Charles, Predent. 1 Asheboro
Crouch, Frederick Pfohl, Arts-Educ. 1 Winston-Salem
Crouch, Walter Monroe, Comm. 3 High Point
Crouch, William Stanford, Phar. 2 Spray
Crowell, Alton Walter, Sci. Med. 2 Richfield
Crowell, Frank Hull, Arts 1 Lincolnton
Crum, Charles Frederick, Elec. Engg. 2 Gatun, C. Z.
Crum, Ralph Snediker, Arts 1 Gatun, C. Z.
Crutchfield, Colbert Frederick, Arts-Educ. 4 North Wilkesboro
Crutchfield, Jack Billings, Chem. Engg. 1 High Point
Crutchfield, Javan Lanier, Civ. Engg. 1 Greensboro
Crutchfield, William Thomas, Arts-Educ. 3 Wilmington
Culbreth, Frederick Malcolm, Arts-Educ. 1 Raeford
Culbreth, Graham McKenzie, Sci. Phar. 3 Raeford
Culbreth, Oliver Cornelius, Arts 1 Fayetteville
Culbreth, Walter Hartwell, Sci. Geol. 2 Raeford
Cullom, John Clifford, Civ. Engg. 1 Dunn

Culpepper, Edwin Murphy, Arts-Educ. 2	Elizabeth City
Culpepper, Orville Park, Arts 3	Greenville, Ga.
Culvern, Frederick Eugene, Civ. Engg. 1	Charlotte
Culvern, Robert Mickle, Civ. Engg. 1	Charlotte
Cummings, Zeb Conyers, Jr., Comm. 1	Tarboro
Curl, Andrew Otho, Jr., Comm. 2	Creedmoor
Curlee, Edmund Lane, Law 3 S.B. in Comm., 1930	Burlington
Currie, Daniel Allen, Law 2 B.S., 1928, Davidson Col.	Fayetteville
Currie, George Hendon, Sci. Med. 1	Clarkton
Currie, Ida Withers, Arts 4	Clarkton
Currie, John Alexander, Arts 4	New York, N. Y.
Curtis, Livingston Ira, Arts 1	Dillon, S. C.
Curtis, Louis M., Comm. 2	Ahoskie
Cutchin, James McKinney, III, Arts 1	Whitakers
Cuthrell, John Everett, Mech. Engg. 1	Lake Landing
D'Alemberte, James Herron, Jr., Arts 1	Pensacola, Fla.
Daggett, Parker Hayward, Jr., Comm. 1	Highland Park, N. J.
Dailey, Richard Maurice, Civ. Engg. 1	Hatteras
Dale, Frank Sterling, Arts 2	Estatoe
Daley, Claude Clifford, Jr., Arts-Educ. 2	Orlando, Fla.
Daley, Walter Alexander, Arts 4	Orlando, Fla.
Dalton, Lacy Augusta, Arts 3	Red Springs
Dameron, Emerson Penn, Arts 4	Clinton
Daniel, Adrian Nathan, Jr., Civ. Engg. 2	Wilson
Daniel, Erasmus Alston, Jr., Arts 2	Washington
Daniel, Elbert Clifton, Jr., Arts 2	Zebulon
Daniel, Harriet Lane, Arts 4	Chapel Hill
Daniel, John Wallace, Arts-Educ. 2	Weldon
Daniel, John Wilson, Comm. 3	Charlotte
Daniel, Rebecca Gibson, Comm. 2	Clearwater, Fla.
Daniel, Thomas Morgan, Arts-Educ. 1	Oxford
Daniels, Oscar Carroll, Jr., Premed. 2	Oriental
Dannenbaum, George, Comm. 3	Wilmington
Daughtridge, Ulyss, Arts 2	Rocky Mount
Davis, Archibald Kimbrough, Arts 2	Winston-Salem
Davis, Benjamin Cummings, Prelaw. 1	Pinetops
Davis, Clarence, Arts-Educ. 4	Waxhaw
Davis, David Boyd, Comm. 2	Raleigh
Davis, Edgar Lee, Elec. Engg. 4	Hamlet
Davis, Frank Payne, Comm. 2	Winston-Salem
Davis, Gus Obie, Sci. Geol. 3	Chapel Hill
Davis, George Thomas, Law 2 A.B., 1929	Lake Landing
Davis, Jefferson, Med. 1	Waxhaw
Davis, Joseph Holmes, Jr., Arts 3	Wilmington

Davis, John Otis, Comm. 2	Wilmington
Davis, John William, Comm. 1	Tarboro
Davis, Lynn Reeves, Comm. 1	Greensboro
Davis, Oscar Fitzgerald, Comm. 1	Raleigh
Davis, Paul Wynedna, Arts 1	Walnut Cove
Davis, Robert Dorsey, Comm. 2	High Point
Davis, Ralph Watson, Comm. 4	Harmony
Davis, Thomas Pittman, Comm. 3	Roanoke, Va.
Davis, Thomas Warren, Jr., Law 1 S.B., 1927, Wake Forest Col.	Mount Airy
Davis, William Emerson, Chem. Engg. 1	High Point
Davis, William Glenn, Comm. 2	Greensboro
Davis, William Harris, Jr., Premed. 2	Asheville
Davis, Warren Thomas, Jr., Comm. 2	Hot Springs
Dawes, William Reden, Arts 1	Rocky Mount
Dawson, James Baxter, Arts 3	New Bern
de Graffenried, Elwyn, Spec.	Atlanta, Ga.
DeHart, Clifford Rae, Arts-Educ. 2	Stoneville
DeLaney, Martha McGill, Arts 3	Charlotte
DeNoia, John, Elec. Engg. 1	Rome, N. Y.
DeRose, Anthony John, Civ. Engg. 1	Brooklyn, N. Y.
DeVane, James Stuart, Arts-Educ. 2	Elizabethtown
DeWolfe, Daniel Charles, Jr., Arts 4	Monroe, Conn.
Deans, Ernest Vick, Jr., Arts-Educ. 2	Selma
Deans, James Lloyd, Sci. Geol. 2	Dunn
Deans, John Lacy, Arts-Educ. 2	Selma
Dease, John Carson, Sci. Med. 1	Clarkton
Deese, Gaston Lee, Arts-Educ. 3	Monroe
Deitz, Clyde Jackson, Arts 2	Belmont
Delbaum, Jacob, Premed. 1	Brooklyn, N. Y.
Dellinger, Flay Grigg, Elec. Engg. 2	Cherryville
Dellinger, Henry McLurd, Phar. 3	Stanley
Dellinger, John Huit, Sci. Med. 1	Shelby
Denning, Elbert Hubbard, Arts-Jour. 4	Albemarle
Dennis, Carl W., Arts, Spec.	Statesville
Devereux, James Isham, Arts 3	Charlotte
Dewey, Robert Foster, Law 1 A.B., 1930	Chicago, Ill.
Dickie, Canfield Smith, Civ. Engg. 4	Pittsfield, Mass.
Dickson, Glenn Simmons, Sci. Med. 3	Helton
Dike, William Gordon, Arts 4	Philadelphia, Penna.
Dillard, James Earl, Jr., Comm. 2	Rocky Mount
Dillard, John Richardson, Comm. 1	Philadelphia, Penna.
Dillehay, Harold Judson, Comm. 3	Southern Pines
Dillon, Ruth Elizabeth, Arts-Educ. 3	Greensboro
Dinstman, Joseph, Arts 2	New York, N. Y.
Dixon, James Glenn, Arts-Educ. 2	Mt. Vernon Springs

Dixon, Max Rupert, Arts-Educ. 4	Shelby
Dixson, William Nelson, Comm. 2	Winston-Salem
Doar, Joseph Graham, Arts-Educ. 1	Charlotte
Dobosh, Gabriel Edward, Predent. 1	Nesquehoning, Penna.
Dockery, Alfred Settle, Arts-Educ. 1	Rockingham
Dockery, John Covington, Comm. 1	Rockingham
Dockery, Nicholas West, Sci. Chem. 4	Rockingham
Dodson, Roland Albert, Arts 3	Hillsboro
Doggett, Felix Gladstone, Civ. Engg. 4	Brown Summit
Donnell, George Stratford, Comm. 2	Wilmington
Donnelly, John Franklin, Arts-Educ. 2	Trade, Tenn.
Donnelly, Paul William, Arts-Educ. 4	Trade, Tenn.
Doran, John Howell, Comm. 1	Charlotte
Dorfman, George, Comm. 1	Brooklyn, N. Y.
Dorsett, Frank Wilbur, Arts 1	Spencer
Doty, Harrison Parmelee, Arts 1	Reading, Penna.
Dougherty, John Henry, Med. 1 A.B., 1930	Asheville
Doughtie, Jerry Whitsett, Civ. Engg. 4	Chapel Hill
Douglas, Thomas Basil, Sci. Chem. 4	High Point
Douglas, Virginia Adams, Arts 4	Greensboro
Douglas, Andrew Ellicott, Arts 3	Chapel Hill
Douthit, James Vernon, Comm. 2	Albemarle
Downing, Carl Duncan, Arts 3	Fayetteville
Doyle, John Joseph, Arts 2	Stamford, Conn.
Dozier, John Sills, Comm. 2	Rocky Mount
Drago, Samuel Frank, Sci. Med. 2	Long Island, N. Y.
Drane, Robert Wesley, Jr., Comm. 2	Florence, Ala.
Draper, William Franklin, Arts 3	Charlotte
Dratler, Jay Joseph, Arts 3	Long Island, N. Y.
Dressler, Oscar Welborne, Comm. 3	Nashville, Tenn.
Dudley, Ellis, Comm. 2	New York, N. Y.
Dudley, Inez Sparrow, Arts-Educ. 4	Lake Landing
Dudley, John Wesley, Premed. 2	Newport News, Va.
Dudley, Leland Augustus, Sci. Med. 2	Lake Landing
Duffy, Charles Chapman, Arts 4	New Bern
Duffy, Rodolph, Law 3 A.B., 1928	New Bern
Duflock, William George, Comm. 1	Savannah, Ga.
Duls, James Moore, Elec. Engg. 3	Charlotte
Dunavant, Samuel Jackson, Civ. Engg. 2	Charlotte
Dunbar, Aubrey Windley, Mech. Engg. 3	High Point
Duncan, Clyde Mason, Arts 4	Beaufort
Duncan, Charles Wilson, Arts 1	Samarcand
Duncan, Mary Evelyn, Arts 3	Chapel Hill
Duncan, Owen Edgar, Comm. 3	North Wilkesboro
Dungan, Jack Elwin, Arts 3	Sioux Falls, S. Dak.

Dunlap, Joseph Paul, Arts-Educ. 2	Siler City
Dunlap, Mary Marshall, Arts 4	Roxboro
Dunn, Frank Hughes, Comm. 3	New Bern
Dunn, James Robert, Comm. 1	Charlotte
Dunn, Mathon Baldwin, Arts-Educ. 1	Kannapolis
Dunn, Marvin Harris, Arts-Educ. 1	Samarcand
Dunn, William, Jr., Law 1	New Bern
Dunn, William Clyde, Arts 4	Kinston
Dunn, William Leo, Sci. Phar. 1	Charlotte
Dunston, Richard Arden, Arts 1	Washington
Dupree, Franklin Taylor, Jr., Arts-Educ. 2	Angier
Durand, John Dana, Arts 2	Asheville
Durand, Robert Yale, Arts 2	Asheville
Dworin, Morris Herman, Med. 2	New York, N. Y.
Eagles, Joe Colin, Arts 4	Wilson
Eanes, Samuel Stanford, Comm. 1	Lexington
Eaton, Joseph Withington, Med. 1	Goffstown, N. H.
Eddleman, William Roseman, Arts-Educ. 1	Gastonia
Edmondson, Frank, Jr., Comm. 1	Tarboro
Edwards, James Benton, Arts-Educ. 3	Marshville
Edwards, James Glenn, Law 3	Jonesboro
A.B., 1928	
Edwards, Jesse Paul, Arts-Educ. 3	Spray
Edwards, John Schnell, Arts 3	St. Louis, Mo.
Edwards, Kenneth Frank, Premed. 2	Pinetops
Edwards, Peter Herman, Arts-Jour., Spec.	Bridgeton
A.B., 1922, Duke Univ.	
Edwards, Ralph Goldston, Comm. 2	Wingate
Efland, Simpson Lindsey, Arts 1	Efland
Egan, Edward Gundrum, Sci. Chem. 2	Irvington, N. J.
Egerton, William Gaston, Arts-Educ. 3	Mill Springs
Ehrhardt, Herbert Wilson, Jr., Elec. Engg. 1	Pinehurst
Eighme, Maurice Edward, Arts 3	Raleigh
Eisenberg, Leonard, Arts 2	Winston-Salem
Eisner, Joseph, Arts 2	Brooklyn, N. Y.
Elgar, Georgia May, Arts 3	Chapel Hill
Elkins, Charles Hendricks, Comm. 3	Liberty
Elkins, Robert Lee, Jr., Comm. 1	Liberty
Elledge, Charles Cowles, Arts-Educ. 2	Champion
Ellington, Alfred Jackson, Comm. 2	Madison
Ellinwood, Everett Hews, Med. 2	Chapel Hill
B.P.E., 1925, International Y.M.C.A. Col.	
Elliott, Frank Wood, Arts 1	Edenton
Elliott, Robert William, Arts 3	Hollis
Ellisburg, Bernard Elias, Comm. 2	Raleigh
Emory, Mary Dortch, Arts-Educ. 3	Chapel Hill
Engstrom, Alfred Garvin, Arts 2	Belvidere, Ill.

Enloe, William Alfred, Jr., Comm. 1	La Fayette, Ga.
Entwistle, John Walter Covington, Arts 1	Rockingham
Erickson, Charles Perry, Civ. Engg. 4	Oak Park, Ill.
Ericson, Ervid Elvin, Arts 3	Chapel Hill
Errico, Frank John, Sci. Med. 2	Hillburn, N. Y.
Ervin, Hugh Tate, Civ. Engg. 4	Morganton
Esbinsky, Leo, Sci. Med. 1	New York, N. Y.
Esposito, Frank Amel, Comm. 1	Baldwin, N. Y.
Evans, Angus Mack, Phar. 1	St. Pauls
Evans, Charles Baisley, Chem. Engg. 1	Fort Valley, Ga.
Evans, Thomas Clancy, Jr., Elec. Engg. 2	Charlotte
Ewart, Mary Aileen, Arts 3	Hinton, W. Va.
Ewbank, Ernest Wyttenbach, Jr., Law 1 A.B., 1930	Hendersonville
Ezzell, Delton Harris, Elec. Engg. 1	Magnolia
Faircloth, Jesse Wade, Sci. Med. 1	Autryville
Faires, Thomas Erskine, Comm. 3	Charlotte
Fallon, Eugene Lee, Arts 2	Baltimore, Md.
Farabee, Roscoe Charles, Med. 1	Davidson
Farmer, Bernice Divine, Jr., Comm. 2	Wilmington
Farmer, Charles Martin, Comm. 3	Wilmington
Farmer, Traver Harwood, Arts 3	Wilson
Farmer, William Woodard, Premed. 1	Wilson
Farr, James Baily, Comm. 1	Bryn Mawr, Pa.
Farrell, Robert, Comm. 4	Aberdeen
Farris, Jack Brodie, Comm. 3	Charlotte
Farris, Ray Simpson, Law 1	Charlotte
Faulkner, Joseph Goodson, Comm. 4	Greensboro
Feinstein, Moe Solomon, Arts 1	Brooklyn, N. Y.
Feit, David Morgan, Comm. 1	E. Liverpool, Ohio
Feldman, Herbert A., Chem. Engg. 1	Brooklyn, N. Y.
Felshin, Seon, Law 3	New York, N. Y.
Felton, Lankford Joseph, Comm. 3	Eure
Felts, James Rone, Mech. Engg. 1	Charlotte
Fenker, Richard Mathis, Arts 3	Nashville, Tenn.
Fennell, Kathleen Ellen, Arts 3	Quinton, Va.
Ferebee, Emmett Crews, Arts-Educ. 2	New Bern
Ferebee, James Lumsden, Jr., Civ. Engg. 4	Milwaukee, Wis.
Ferguson, Edward Benjamin, Sci. Med. 2	Greenville
Ferguson, Fred Jaynes, Comm. 4	Dellwood
Ferguson, Mary Virginia, Comm. 3	Waynesville
Ferguson, Richard Summers, Comm. 2	Philadelphia, Pa.
Ferrell, Joseph Franklin, Arts 2	Elizabeth City
Fieldman, George Martin, Premed. 1	Elizabeth, N. J.
Fields, Charles Gibson, Elec. Engg. 1	Selma
Finch, Harry Clinton, Arts 3	Wilson
Fine, Henry Howard, Arts 2	Roxbury, Mass.

Finger, Richard Bryan, Arts-Educ. 1	Hickory
Fink, Henry Lee, Arts-Educ. 1	Salisbury
Finlator, John Haywood, Jr., Arts-Educ. 1	Raleigh
First, Lathel Wilson, Mech. Engg. 2	Erie, Penna.
Fischer, John Louis, Elec. Engg. 2	Newark, N. J.
Fisher, Adam, Jr., Chem. Engg. 4	Charlotte
Fisher, Carl Hilbert, Arts 4	Salisbury
Fisher, Ernest Woodrow, Arts 2	Bushnell
Fisher, James Bankerd, Arts-Educ. 4	Chapel Hill
Fisher, Kenneth Frank, Comm. 1	Washington, D. C.
Fisher, Roscoe Brown, Arts 4	Salisbury
Fitzgerald, Jack Edgar, Arts-Educ. 1	Tampa, Fla.
Fitzgerald, William Brooks, Arts 2	Athol, Mass.
Fitzgerald, William Claude, Jr., Comm. 3	Albemarle
Fixel, Fruing, Sci. Med. 1	New York, N. Y.
Fleishman, Milton, Arts 2	Fayetteville
Fleming, Arthur Hynes, Jr., Comm. 3	Louisburg
Fleming, Frank Reavis, Arts-Educ. 4	Hamptonville
Fleming, Ralph Gibson, Comm. 2	North Side
Fleming, Sam Wallace, Arts 3	Jamesville
Fleming-Jones, Robert McBride, Comm. 2	Las Cruces, N. Mex.
Fletcher, Lucy Twitty, Arts 3	Asheville
Fletcher, Thomas Gilchrist, Mech. Engg. 1	Alpena, Mich.
Flinn, Lawrence, Arts 3	Pittsburgh, Penna.
Flusser, Bertrand Arthur, Sci. Med. 2	New York, N. Y.
Flynt, Romulus Hoke, Arts 2	Winston-Salem
Flythe, William Henry, Med. 2	Laurel Hill
B.S., 1929, Davidson Col.	
Follin, Thomas Barber, Comm. 3	Winston-Salem
Fonvielle, Edward Moseley, Arts 3	Wilmington
Forney, Thomas Jacob, Arts-Educ. 4	Lawndale
Forrest, Bedford Broiser, Phar. 3	Hillsboro
Foster, Daniel Russell, Comm. 3	Wilmington
Foster, Robert Flavel, Comm. 1	Wilmington
Foster, Randolph Manley, Comm. 1	Wilmington
Foster, Ray Wilson, Elec. Engg. 1	Asheville
Fountain, Lawrence H., Arts 1	Tarboro
Fowler, Clegg Winchester, Jr., Arts-Educ. 2	Monroe
Fowler, Joseph Thomas, Comm. 4	Chapel Hill
Fowler, William O'Kelly, Med. 2	Greensboro
B.S. in Chem., 1929, V. M. I.	
Fox, Clarence David, Arts-Educ. 2	Troutman
Fox, Dennis Bryan, Sci. Med. 1	Randleman
Fox, Haskell Wright, Med. 2	Troutman
Fox, Joseph Philip, Arts 4	Methuen, Mass.
Fox, Leonard Worth, Arts 1	Winston-Salem
Fox, Portland Portland, Arts-Educ. 2	New Hope
Francis, Fred Cash, Arts, Spec.	Bluefield, W. Va.

Frankel, Julian Carter, Comm. 1	New York, N. Y.
Franklin, Roy Wade, Sci. Med. 3	Raleigh
Franklin, Sydney, Civ. Engg. 1	Brockton, Mass.
Franklin, Worth Hurley, Arts 1	Raleigh
Frasier, Harry Glenn, Arts-Educ. 2	Sanford
Frazer, Benjamin Barber, Comm. 2	Buffalo, Ala.
Frazier, Cicero Albert, Arts 1	Mooresville
Frazier, Richard Vann, Elec. Engg. 1	Greensboro
Freedland, Jake, Sci. Med. 1	Wilmington
Freeman, Glenn David, Arts-Educ. 4	Rutherfordton
Freeman, Robert Belmont, Arts-Educ. 2	Ellerbe
Freeze, William Preston, Arts-Laws 3	Hendersonville
Freiberg, Milton, Arts 3	Brooklyn, N. Y.
French, Arthur DeForest, Arts-Educ. 1	Oneida Castle, N. Y.
French, Berry Godwin, Comm. 4	Lumberton
French, George Edward, Jr., Arts 3	Statesville
Friedman, Arnold, Comm. 1	Brooklyn, N. Y.
Friedman, Nahum, Arts 4	Brooklyn, N. Y.
Frisby, Everett Frederick, Elec. Engg. 3	Marshall
Fritz, William Abel, Med. 2	Hickory
Froneberger, Augustus Kenneth, Comm. 1	Gastonia
Froneberger, Robert Earl, Civ. Engg. 2	Gastonia
Fryer, Charles Brookes, Arts 1	Tarboro
Fulcher, Harry Smith, Elec. Engg. 2	Beaufort
Fulk, Charles Watters, Sci. Med. 1	Pilot Mountain
Funderburke, Earle Columbus, Arts-Educ. 1	Ansonville
Furchgott, Arthur Clarence, Jr., Mech. Engg. 2	Orangeburg, S. C.
Furr, Lewis J., Arts 2	Holly Springs
Fussel, Edna Lee, Arts-Educ. 4	Rose Hill
Fysal, Ellis Daker, Arts 4	Wilson
Gabriel, August James, Sci. Med. 1	Brooklyn, N. Y.
Gaddy, John Bunyan, Jr., Arts-Educ. 3	Wingate
Gaither, Moody Zimria, Jr., Arts 2	Winston-Salem
Galloway, Joseph Key, Elec. Engg. 2	Charlotte
Gambill, Brice Belmont, Arts-Educ. 1	Crumpler
Gambill, Robert Mack, Prelaw 1	Crumpler
Gambill, Sidney Branscome, Law, Spec.	Crumpler
Gant, Joseph Erwin, Chem. Engg. 2	Burlington
Gardner, Joseph Allen, Comm. 1	Salisbury
Garland, James Dallas, Comm. 1	Marshville
Garland, Peter Woods, Jr., Comm. 2	Gastonia
Garlick, Edna Elizabeth, Arts-Educ. 4	Henderson
Garner, Floyd McCoy, Comm. 3	Newport
Garner, Walter Glenn, Arts 1	Newport
Garoffolo, Vincent Nicholas, Arts 1	Newark, N. J.

Garrett, Albert Earle, Jr., Law 1	Danville, Va.
A.B., 1929, The Col. of Wm. and Mary	
Garrett, Howard Richard, Arts 4	Washington, D. C.
Garrison, Clifton Morgan, Elec. Engg. 1	Burlington
Garrison, Ralph Bernard, Med. 2	Glen Alpine
Gartzman, Henry, Sci. Med. 2	Waterbury, Conn.
Gaskill, Edwin Austin, Jr., Chem. Engg. 1	Asheville
Gaskill, Eugene Larry, Arts-Educ. 4	Sea Level
Gatling, James Moore, Comm. 3	Raleigh
Gault, Charles Beers, Arts 2	Lake Waccamaw
Gavin, Harold Winford, Arts 1	Sanford
Gay, Charlie Houston, Med. 2	Charlotte
A.B., 1929, Duke Univ.	
Gay, Kenneth Alexander, Comm. 4	Lawrence, Mass.
Geddie, Harold Alan, Elec. Engg. 1	Fayetteville
Geiger, John Frank, Civ. Engg. 2	Mount Airy
Geitner, Robert Walker, Arts 3	Hickory
Geller, Samuel, Premed. 1	Newark, N. J.
Gelman, Julius, Arts-Educ. 1	New York, N. Y.
Gentry, Benjamin Gordon, Comm. 3	Reidsville
Gentry, Harvey William, Arts-Educ. 1	State Road
Gentry, Joseph Samuel, Arts-Educ. 1	Doughton
George, George Lafayette, Elec. Engg. 1	Selma
Gibbs, Henry Len, Arts-Educ. 1	New Bern
Gibbs, Ronald Earl, Mech. Engg. 1	New Holland
Gibson, Edward Hiram, Jr., Arts-Educ. 2	Kernersville
Gidney, Robert Sarratt, Comm. 2	Shelby
Gilbert, Harry Marion, Arts 4	Darlington, S. C.
Gilbert, Paul Lestrade, Civ. Engg. 4	Statesville
Gilbreath, John Ulpin, Comm. 3	Wichita Falls, Tex.
Gilchrist, Peter Spence, Chem. Engg. 3	Charlotte
Giles, Lawrence James, Jr., Law 2	Clifton Forge, Va.
Gillespie, John McIver, Comm. 3	Greensboro
Gilmour, Matthew Pollock, Arts 4	Wilmington
Gilmour, Monroe Taylor, Premed., Spec.	Wilmington
A.B., 1929, Davidson Col., A.M., 1930, Princeton Univ.	
Ginn, James Theda, Arts 3	Snow Hill
Ginsberg, Frank, Arts 1	Union City, N. J.
Gippin, Morris, Sci. Med. 3	Brooklyn, N. Y.
Gitlin, Mac, Mech. Engg. 1	Brooklyn, N. Y.
Glascock, Harold Winfield, II, Med. 1	Raleigh
Glascock, Spencer Brown, Premed. 1	Raleigh
Glascock, Thomas Addison, Jr., Comm. 2	Greensboro
Glenn, Archer Bennett, Comm. 1	Winston-Salem
Glenn, Charles Arthur, Arts 4	Gastonia
Glenn, Edwin Louis, Elec. Engg. 1	Sugar Grove
Glenn, John David, Arts 4	Gastonia
Glenn, Marion Woodard, Arts 1	Asheville

Glickman, Charles Sydney, Arts 4	Brooklyn, N. Y.
Glidewell, Powel Watkins, Jr., Arts-Laws 3	Reidsville
Glover, Clifford Charles, Civ. Engg. 1	Newnan, Ga.
Glover, Franklin Marvin, Jr., Elec. Engg. 2	Salisbury
Godwin, Jasper Leon, Comm. 1	Dunn
Goebel, Robert Wilson, Civ. Engg. 3	High Point
Gold, Robert Wheeler, Arts 1	High Point
Gold, Thomas Jackson, Jr., Law 2	High Point
Goldman, Jack, Comm. 1	Pittsburgh, Penna.
Goldston, Joseph Clarence, Arts 1	Goldston
Good, Marjorie, Arts 4	Columbia, S. C.
Goode, John Fisher, Arts-Educ. 3	Woodard
Goodes, Benjamin Lawrence, Comm. 2	Burlington
Goodkowitz, Joseph Simeon, Mech. Engg. 1	Asheville
Goodman, Albert Raphael, Arts 2	Yonkers, N. Y.
Goodman, Joseph Vernal, Arts-Educ. 3	Altamont
Goodman, Orville John, Predent. 1	Altamont
Goodridge, Noah, Arts 4	New York, N. Y.
Goodson, John M., Civ. Engg. 2	Mt. Olive
Goodson, Margaret Alice, Arts-Educ. 3	Mt. Olive
Goodwin, Bernard Carlyle, Jr., Arts 1	Clifton Forge, Va.
Goodwin, Cleon Walton, Med. 1	Oriental
Goodwin, James Clivie, Arts 4	Clifton Forge, Va.
Gordon, James Wilkerson, Comm. 3	Pilot Mountain
Gordon, Saul Joseph, Arts 1	Corona, N. Y.
Gordon, Thomas Wilson, Phar. 3	Hillsboro
Gores, Helen Edna, Arts-Educ. 3	Weaverville
Gorfain, Abner, Sci. Med. 3	Flushing, N. Y.
Gorham, George Wimberley, Jr., Mech. Engg. 2	Rocky Mount
Gorham, James Samuel, Jr., Comm. 4	Rocky Mount
Gorrell, John Shelton, Comm. 2	Winston-Salem
Gottlieb, Jacob, Arts 2	Brooklyn, N. Y.
Grady, Espie Boyd, Jr., Comm. 1	Concord
Grady, Edward Stephen, Premed. 3	Wilmington
Grady, Walter Clifton, Comm. 1	Kinston
Graham, Edward Kidder, Arts 3	Chapel Hill
Graham, James Melvin, Comm. 4	Baltimore, Md.
Graham, John Washington, Law 1 A.B., 1930	Edenton
Graham, Kate Chestney, Arts-Educ. 4	Durham
Grainger, John Cameron, Arts 4	Wilmington
Grant, Bryan Marel, Jr., Comm. 2	Atlanta, Ga.
Grant, Elizabeth McMillan, Arts 4	Wilmington
Graves, Calvin, Jr., Law 2 A.B., 1930	Mount Airy
Gray, Daniel Elmore, Jr., Arts 2	Middletown, Conn.

Gray, Frederick Pendleton, Comm. 1 — Lumberton
Gray, Robert McDonald, Law 2 — Statesville
A.B., 1929
Gray, Thomas Burke, Sci. Med. 1 — Hayesville
Gray, Walter Lee, Comm. 2 — Charlotte
Green, DeWitt Allen, Arts 1 — Birmingham, Ala.
Green, Elizabeth Fuller, Arts 4 — Weldon
Green, Worth Bunyan, Med. 2 — Midland
B.Ph., 1926, Emory Univ.
Greenberg, Robert, Predent. 1 — New York, N. Y.
Greenberg, Samuel Horwitz, Arts 1 — Florence, S. C.
Greene, Ralph Cordell, Law 1 — Marshville
S.B. in Comm., 1930
Greer, Lee Jackson, Jr., Arts 2 — Wilmington
Grier, Barron Kelly, Arts-Laws 3 — Statesville
Grier, Thomas Gray, Comm. 1 — Gastonia
Griffin, A. T., Phar. 3 — Pinetops
Griffin, Isaac Cebern, Jr., Arts 2 — Chapel Hill
Griffin, James Odell, Law 1 — Reidsville
Griffin, John Sparks, Comm. 2 — Marshville
Griffin, Mallie Asa, II, Premed. 1 — Wendell
Griffin, Marcus Samuel, Arts 1 — Nashville
Griffin, William Clyde, Arts 1 — Williamston
Griffin, William Henry, Elec. Engg. 2 — Wendell
Griffith, James Thomas, Jr., Comm. 2 — Monroe
Griffith, Mary Irene, Sci. Med. 2 — Ruffin
Grimes, James Miller, Jr., Arts 3 — Mt. Vernon, N. Y.
Grindstaff, Harold Freeman, Arts 4 — Sylva
Groome, Ivey Addison, Civ. Engg. 2 — Greensboro
Groover, Walter Rufus, Comm. 1 — Savannah, Ga.
Grossman, Everette Epperson, Arts-Educ. 1 — Spencer
Grotyohann, John Walter Charles, Arts 4 — Brooklyn, N. Y.
Grover, Edward Maitland, Chem. Engg. 3 — Southern Pines
Grubbs, Bessie Tysinger, Arts 3 — Mars Hill
Grubbs, Paul Cashwell, Arts-Educ. 3 — Mocksville
Guion, Louis Isaac, Comm. 1 — Lugoff, S. C.
Gump, Harry, Arts 3 — Greensboro
Gunter, June Uriah, Jr., Arts 4 — Sanford
Gurganus, Anthony Aubrey, Arts-Educ. 4 — Washington
Guthrie, Leroy Kirth, Arts-Educ. 1 — Morehead City
Guthrie, Vernon Cranston, Arts-Educ. 1 — Morehead City
Gutierrez, Andres, Arts, Spec. — Chapel Hill
S.B. in Civ. Engg., 1930
Gwynn, Archibald A., Phar. 1 — Leaksville
Hackney, James Parks, Arts-Educ. 1 — Siler City
Hackney, Norman Adams, Comm. 1 — Durham
Hadley, Wade Hampton, Jr., Sci. Geol. 4 — Siler City

Hagans, James Thomas, Sci. Med. 1 — Tarboro
Haines, Harold Atlee, Jr., Arts 2 — Philadelphia, Penna.
Hairston, Peter Wilson, Jr., Arts 1 — Advance
Haislip, Frank Lee, Phar. 1 — Hamilton
Hall, Basil Wise, Arts 1 — Macon, Ga.
Hall, James Brownlee, Jr., Med. 2 — Belmont
A.B., 1929
Hall, Millard Lee, Arts-Educ. 1 — Holly Springs
Hall, Robert Glennelg, Arts-Educ. 1 — Matthews
Hall, Stanley Carr, Phar. 1 — Forest City
Hally, Edmond Vincent, Comm. 3 — New Rochelle, N. Y.
Ham, Frank Benton, Phar. 2 — Greensboro
Ham, Win Wood, Comm. 1 — Charlotte
Hamer, Edward Ryan, Arts-Educ. 4 — McColl, S. C.
Hamer, Marion Sims, Comm. 1 — McColl, S. C.
Hamilton, Alfred Thompson, Arts 2 — Chapel Hill
Hamilton, Joseph Gregorie deRoulhac, Jr., Arts-Jour. 3 — Chapel Hill
Hamilton, Robert Victor, Arts-Educ. 2 — Easley, S. C.
Hamlet, Christopher Columbus, Comm. 2 — Pittsboro
Hammer, John Levering, Jr., Mech. Engg. 1 — Wilmington
Hammond, Alfred Franklin, Jr., Med. 1 — Polloksville
A.B., 1928, Duke Univ.
Hammond, Lawrence Townley, Law 1 — Asheboro
Hammond, William Lee, Arts-Educ. 2 — Polloksville
Hampton, Kenneth Dunlap, Premed. 2 — Raeford
Hamrick, Frederick Delmar, Jr., Law 2 — Rutherfordton
Hamrick, Marie Elizabeth, Arts-Educ. 3 — Shelby
Hancock, Colon Clifton, Arts-Educ. 2 — Bear Creek
Hanff, Blanche Baker, Arts-Educ. 3 — Scotland Neck
Hanscome, Robert, Comm. 4 — Los Angeles, Calif.
Hardin, John Alexander, Comm. 1 — Upper Montclair, N. J.
Harding, Benjamin Hackett, Med. 1 — Yadkinville
A.B., 1928
Hargrett, Charles Frederick, Civ. Engg. 1 — Tifton, Ga.
Harllee, Frederick Earl, Jr., Comm. 2 — Greensboro
Harper, Finley Gwyn, Jr., Arts 1 — Hickory
Harper, Frank Trumbo, Jr., Med. 1 — Kinston
Harper, Jacob Thompson, Arts-Educ. 3 — Pittsboro
Harper, Roger Clark, Comm. 1 — Winston-Salem
Harper, William Bruce, Arts 2 — Cleveland
Harrell, Dewitt Allen, Mech. Engg. 2 — Scotland Neck
Harrell, Raymond Harvard Starkey, Premed. 2 — Mamie
Harrill, Henry Clay, Med. 2 — Ellenboro
B.S., 1929, Davidson Col.
Harrington, Cyrus Robert, Comm. 1 — Siler City

Harrington, John Madison, Arts 4	Freeport, N. Y.
Harrington, Mack Arthur, Comm. 1	Ayden
Harris, Fred Martin, Arts-Educ. 1	Elkin
Harris, George LeeRoy, Law 1	Plymouth
Harris, George Watts, Comm. 1	Salisbury
Harris, James Carlos, Arts 4	Inez
Harris, Lawrence Reed, Arts 3	Henderson
Harris, Richard Edward, Comm. 1	Greenville
Harris, Robert Pittman, Arts 1	Enfield
Harris, William, Arts 2	Brookline, Mass.
Harris, William Clinton, Jr., Arts-Laws 1	Raleigh
Harrison, Thomas Pendleton, Arts 3	Chapel Hill
Hart, James Norwood, Comm. 1	Chapel Hill
Hartis, Gilbert Clyde, Phar. 2	Matthews
Hartley, Jay Stanley, Arts-Educ. 2	Wilkesboro
Hartman, Carl Frederick, Chem. Engg. 1	Long Island, N. Y.
Hartshorn, Derick Sibley, Jr., Sci. Chem. 2	Goldsboro
Hauser, Elmer Lee, Arts-Educ. 1	Pfafftown
Hauser, James Paul, Arts-Educ. 2	Bessemer City
Hawkins, Clyde Lee, Arts-Educ. 4	Bessemer City
Hawley, Frank Morton, Jr., Arts 2	Portsmouth, Va.
Hayes, Charlotte Clinard, Arts 4	El Paso, Tex.
Hayes, Charles Patton, Jr., Elec. Engg. 4	Asheville
Hayes, Paul Robert, Mech. Engg. 1	Greensboro
Hayes, William Anderson, Comm. 1	Hillsboro
Hayes, Willard Melton, Arts 2	Gaffney, S. C.
Hayes, William Snow, Comm. 1	High Point
Haywood, Egbert Lynch, Arts 4	Durham
Haywood, Wilbur Floyd, Comm. 4	Candor
Hazelwood, Edgar Herbert, Arts 1	Kew Gardens, N. Y.
Healey, John Thomas, Elec. Engg. 1	New York, N. Y.
Heath, Allen Watson, Comm., Special	Charlotte
Heavner, Ralph Wise, Sci. Geol. 1	Lincolnton
Heber, Malcolm Macmillan, Comm. 1	White Plains, N. Y.
Heckenbleikner, Herbert, Arts 4	Charlotte
Hedrick, Herman Dermont, Comm. 1	Altamahaw
Hedrick, Paul Enos, Predent. 2	Lenoir
Heffner, Bain Lafayette, Arts 3	Greensboro
Heist, Stanley Harrar, Comm. 1	Mount Airy, Penna.
Helms, John Reece, Arts-Educ. 1	Marshville
Henderson, Peter Leland, Arts-Jour. 4	Jersey City, N. J.
Henderson, Willis Irwin, Comm. 4	Charlotte
Hendlin, Harry Howell, Arts 3	Bronx, N. Y.
Henley, John Dewitt, Mech. Engg. 1	Charlotte
Henley, Ruth Dixon, Premed., Special	Laurinburg
B.S., 1928, N. C. C. W.	

Henriques, John Philip, Comm. 1	Pawtucket, R. I.
Henry, Charles Howard, Comm. 4	Elizabeth City
Henry, David Probasco, Arts-Educ. 2	New Bern
Henry, Matthew George, Arts 4	Chapel Hill
Henry, Thomas Allison, Arts-Educ. 3	New Bern
Hensley, Mary Frank, Arts-Educ. 3	Bald Creek
Henson, Thomas Albert, Predent. 1	Murfreesboro
Herkimer, Bernard Julius, Arts 2	New Rochelle, N. Y.
Herman, Jack, Civ. Engg. 1	Far Rockaway, N. Y.
Herring, Tilghman Theodore, Arts 1	Wilson
Herschman, Arthur Henry, Arts 4	Brooklyn, N. Y.
Hewitt, Willard Chappell, Arts-Educ. 1	Elizabeth City
Hewitt, Wyndham Woods, Mech. Engg. 2	Asheville
Heyward, Henderson, Arts 1	Chapel Hill
Heyward, Nathaniel James, Jr., Chem. Engg. 1	Chapel Hill
Hiatt, James Callis, Arts-Educ. 1	Mount Airy
Hicks, Allen Milton, Phar. 2	Pikeville
Higby, Floyd Dorian, Jr., Chem. Engg. 1	Sterling, Ill.
Higdon, William Logan, Jr., Law 1 S.B. in Comm., 1930	Franklin
Hiller, Morton Paul, Arts 1	Brooklyn, N. Y.
Hiller, Richard Lowry, Comm. 2	Winston-Salem
Hilliard, Kenneth Jackson, Elec. Engg. 1	Randleman
Hinds, Joseph James, Arts 2	Westfield, N. J.
Hines, Eugene Griffin, Comm. 4	Goldsboro
Hines, Horace, Arts 2	Black Mountain
Hines, Wilmer Moore, Arts 2	Columbia, S. C.
Hinkle, Ward Linville, Comm. 2	Charlotte
Hinshaw, Roy Milburn, Arts-Educ. 2	Winston-Salem
Hinson, Navy Jasper, Arts-Educ. 2	Fair Bluff
Hinson, Seth Ward, Mech. Engg. 2	Monroe
Hinton, George Roy, Arts-Educ. 3	Kenly
Hirsch, Sidney Leslie, Arts 2	Brooklyn, N. Y.
Hitchcock, Albert Carl, Comm. 3	Flushing, N. Y.
Hobbs, Benjamin Franklin, Arts 1	Clinton
Hobbs, Nell Blair, Arts 3	Chapel Hill
Hobbs, Oscar Brandon, Arts-Educ. 2	Hickory
Hobgood, Hamilton Harris, Arts-Educ. 3	Bunn
Hockaday, James Brooks, Arts 2	Lillington
Hocutt, Quincy Herbert, Arts 2	Clayton
Hodges, Alfred Latham, Arts-Educ. 1	Washington
Hodges, Howard Berkeley, Comm. 2	Leaksville
Hodges, Harry Meade, Jr., Sci. Med. 2	Fayetteville
Hodges, John Lawrence, Arts 1	Winston-Salem
Hodges, Robert Mitchell, Arts 3	Winston-Salem
Hoefer, Elmer George, Jr., Elec. Engg. 4	Chapel Hill

Hoffman, Milo Johnson, Arts 1	Asheville
Hoffman, William Rhyne, Arts 2	Charlotte
Hofler, James Durward, Comm. 4	Hobbsville
Hogan, Norwood Thomas, Arts-Educ. 2	Chapel Hill
Holbrook, John Scott, Arts 1	Milwaukee, Wisc.
Holder, Clyde Robert, Comm. 3	Winston-Salem
Holder, Glenn Parran, Arts 4	Greensboro
Holderness, Haywood Dail, Arts 4	Tarboro
Holland, John Samuel, Premed. 2	Jennings
Holland, Max Willard, Comm. 2	Guilford College
Holliday, Blair, Chem. Engg. 1	New Canaan, Conn.
Hollingsworth, John Raine, Sci. Med. 1	Mount Airy
Holloway, Fred McNeill, Sci. Phar. 1	Varina
Hollowell, David Henry, Arts-Educ. 1	Hobbsville
Holmes, John Read, Comm. 2	Chapel Hill
Holshouser, Columbus Sidney, Arts 2	Salisbury
Holt, Dewey Tate, Sci. Med. 1	Mebane
Holt, Fred Anderson, Phar. 1	Graham
Holt, Raymond Creed, Arts 1	Florence, S. C.
Holt, Rommie Laurius, Arts 1	Pink Hill
Hoover, Walter Lee, Jr., Predent. 2	Charlotte
Hopper, Herman Webb, Comm. 4	Leaksville
Hord, Joseph Beach, Arts-Educ. 1	Kings Mountain
Hornaday, Flavius Durant, Jr., Comm. 2	Snow Camp
Horne, Elizabeth Divine, Arts-Jour. 3	Wadesboro
Horney, Giles Foushee, Elec. Engg. 4	Greensboro
Horney, Julius Bethel, Mech. Engg. 1	Greensboro
Hosea, Addison, Arts-Educ. 2	Pikeville
Hottenstein, Lillian Mae, Arts-Educ. 3	Lebanon, Penna.
House, Henry Charles, Jr., Arts 4	Weldon
House, James Albert, Civ. Engg. 1	Hobgood
Householder, Frank Johnson, Jr., Comm. 4	Durham
Houston, George Phifer, Comm. 3	Charlotte
Hovis, Robert Alexander, Law 1 A.B., 1930	Charlotte
Howard, Joseph Morrison, Arts-Educ. 1	Concord
Howard, Otho Durant, Jr., Arts 1	Denver
Howard, Romayne Smith, Comm. 1	Tarboro
Howard, William Alexander, Sci. Med. 2	Concord
Howell, Robert Philip, Jr., Mech. Engg. 1	Washington, D. C.
Hoyle, Nell Oates, Arts, Special	Chapel Hill
Hubbard, Charles Randolph, Jr., Arts-Educ 4	Burnsville
Hubbard, James Robinson, Civ. Engg. 2	Clinton
Hubbard, Robert Bronson, Comm. 2	High Point
Hubbard, Robert Edmund, Elec. Engg. 4	Clinton
Hudson, Annie Laurie, Arts-Educ. 3	Wilson

Hudson, James Anderson, Arts 3	Salisbury
Hudson, Paul Lasley, Mech. Engg. 1	Norfolk, Va.
Huff, Frank Ernest, Arts-Educ. 2	Asheville
Huffman, Joseph Elmo, Arts 3	Thomasville
Huger, William Beekman, Arts 4	Savannah, Ga.
Hughes, Duncan Gilchrist, Comm. 3	Parkton
Hughes, Isaac Wayne, Arts 2	Henderson
Hughes, Ralfe Eldridge, Comm. 2	Laurens, S. C.
Huguely, George Wesley, Jr., Comm. 3	Washington, D. C.
Hulon, Clyde Elbert, Comm. 4	Laurinburg
Hummel, George Kirby, Jr., Arts 1	Charlotte
Humphrey, Earle Ambrose, Jr., Law 3 S.B. in Comm., 1927	Goldsboro
Humphreys, Robert Dalton, Arts 1	Reidsville
Humphries, Wofford Forest, Comm. 3	Asheville
Huneycutt, James Ernest, Arts-Educ. 1	Hendersonville
Hunsucker, Wilbur Curtis, Med. 1	Gibson
Hunt, Charles Lindsey, Sci. Geol. 2	Asheville
Hunt, Eleanora Gwyn, Arts 3	Asheville
Hunt, Ernest Woodrow, Comm. 1	Greensboro
Hunt, James Baxter, Comm. 2	Pleasant Garden
Hunt, William Lanier, Arts 4	Greensboro
Hunt, Woolsey Welles, Jr., Comm. 1	Alpena, Mich.
Hunter, Charles Eugene, Sci. Geol. 2	Tobaccoville
Hunter, Ernest Jones, Arts-Educ. 3	Huntersville
Hunter, Frederick Sample, Arts-Educ. 3	Chapel Hill
Hunter, John Emil, Elec. Engg. 1	Asheville
Hunter, Thomas Allison, Comm., Special A.B., 1930	Greensboro
Hunter, Walker Fitch, Jr., Arts-Laws 1	Enfield
Hurley, Robert Page, Comm. 1	Franklinville
Hurteau, Joseph Wheeler, Arts 1	Florence, S. C.
Huskins, John Franklin, Law 1	Burnsville
Huss, Kelly William, Sci. Phar. 4	Cherryville
Hussey, William Hand, Arts 1	Burgaw
Hussey, William Thaddeus, Comm. 1	Tarboro
Hutchins, Walter Wilbur, Arts 1	High Point
Hutchinson, John Calvin, Premed. 2	Mount Gilead
Hutchinson, Leonard Lafayette, Arts 1	Charlotte
Hutton, Charles Coble, Phar. 1	Greensboro
Hyman, Abraham, Comm. 2	High Point
Hyman, Forest Norwood, Phar. 1	Battleboro
Idol, John Dempsey, Comm. 4	Kernersville
Idol, Percy Cornelius, Comm. 2	High Point
Idol, Vernon Welch, Jr., Arts 3	High Point
Ingold, George Ferrado, Arts 2	Albemarle
Ingram, John Robert, Jr., Comm. 4	Sanford

Ingrao, Vincent Camillo, Premed. 1	Brooklyn, N. Y.
Irvin, E. Johnston, Arts 2	Concord
Irvin, Frank Ritch, Comm. 2	Salisbury
Irwin, James Preston, Jr., Elec. Engg. 1	Charlotte
Isaacs, David, Comm. 1	Waterbury, Conn.
Isley, John Mack, Civ. Engg. 2	Mebane
Isley, Sessler Carlysle, Arts-Educ. 2	Burlington
Jackson, Cecil Caviness, Arts 2	Biltmore
Jackson, Henry Tull, Arts-Educ. 4	Mount Olive
Jackson, John Alfred, Comm. 1	Gastonia
Jackson, Lillie Williams, Arts 4	Eustis, Fla.
Jackson, Morris Bradley, Arts-Educ. 3	Newport, N. Y.
Jackson, Philip Ray, Comm. 2	High Point
Jacobs, Arthur Lester, Prelaw 1	Bellmore, N. Y.
Jacobson, Israel Harry, Sci. Chem. 1	Winston-Salem
Jacocks, Francis Atherton, Elec. Engg. 4	Tarboro
Jacocks, Francis Gillam, Jr., Sci. Chem. 3	Elizabeth City
Jaffe, Ervin, Arts 1	Wilmington
Jaffee, Joseph Edward, Law 2	Cincinnati, O.
James, Brandol Franklin, Jr., Arts-Music 4	Ayden
James, Francis Marion, Arts-Educ. 3	Wilmington
Jameson, Harlan, Comm. 3	Winter Haven, Fla.
Jaramillo, Edward, Jr., Comm. 1	Hendersonville
Jarman, William Henry, Comm. 3	Wilmington
Jaro, Henry, Arts 3	Brooklyn, N. Y.
Jarratt, Augustus Henry, Jr., Arts 4	East Bend
Jean, James Willis, Arts 2	Washington, N. J.
Jeffers, Annette Chadwick, Special	Canister, N. Y.
Jemison, John Snow, Jr., Comm. 4	Birmingham, Ala.
Jenkins, Arthur Mifflin, Arts 1	Wyoming, Del.
Jenkins, Donald McIntosh, Comm. 2	Brevard
Jenkins, Henry Haynes, Comm. 4	Cliffside
Jenkins, Raymond Taylor, Sci. Med. 3	Kinston
Jenkins, William Joseph, Comm. 1	Rocky Mount
Jenkins, William Sumner, Law 3	Chapel Hill
A.B., 1924; A.M., 1925; Ph.D., 1927	
Jennings, Neill Archie, Elec. Engg. 1	Lumberton
Jenrette, Julius Poe, Premed. 1	Marietta
Jenrette, Thomas Shepherd, Arts-Educ. 3	Marietta
Jensen, Clarence Arthur, Arts 2	East Orange, N. J.
Jernigan, Luby Baggett, Arts-Educ. 3	Cooper
Jess, Everett Mumford, Arts 1	Haddon Heights, N. J.
Johnson, Amos Neill, Med. 2	Garland
A.B., 1929, Duke Univ.	
Johnson, Clyde, Arts 4	Milwaukee
Johnson, Clarence Everett, Premed. 2	Statesville
Johnson, Coy Lee, Arts 1	Hamptonville

Johnson, Everett Council, Mech. Engg. 1	Hickory
Johnson, Francis Bonneau, Mech. Engg. 1	Asheville
Johnson, Graham Parker, Arts 1	Weldon
Johnson, Jasper Calvin, Comm. 4	Morven
Johnson, Josiah Dark, Premed. 2	Siler City
Johnson, Joseph John, Sci. Med. 3	Siler City
Johnson, James Marvin, Comm. 1	Benson
Johnson, Joseph Sidney, Comm. 2	Morven
Johnson, Laurence Branch, Comm. 2	Charlotte
Johnson, Pinkney Greer, Jr., Elec. Engg. 4	Asheville
Johnson, Rufus Donzell, Comm. 1	Bentonville
Johnson, Ray Wooten, Comm. 2	Ayden
Johnson, Toon Blair, Sci. Phar. 4	Vale
Johnson, Thomas Lester, Jr., Arts 2	Asheville
Johnson, Thor Martin, Arts 1	Winston-Salem
Johnson, William Bizzelle, Sci. Med. 3	Dillon, S. C.
Johnson, William Ray, Arts 1	Winston-Salem
Johnson, William Robert, Arts-Educ. 4	Four Oaks
Johnson, William Wesley, Law 2	Varina
Johnson, Woodrow Wilson, Sci. Phar. 2	Varina
Johnston, Fred Odell, Arts 4	Kelford
Johnston, Jesse Randolph, Sci. Med. 2	Washington
Johnston, William Davidson, Mech. Engg. 1	Barium Springs
Johnston, William Rogers, Sci. Chem. 1	Charlotte
Jones, Betty, Arts 3	Augusta, Ga.
Jones, Charles McDaniel, Mech. Engg. 1	Wilmington
Jones, Clarence Paul, Arts-Educ. 1	Mebane
Jones, Frank Thomas, Predent. 1	Washington
Jones, Foy William, Civ. Engg. 1	Bailey
Jones, George Lyle, Jr., Arts 2	Asheville
Jones, Herbert William, Comm. 4	Greensboro
Jones, Joe Piper, Arts-Jour. 4	Durham
Jones, Joseph Wesley, Sci. Phar. 1	Pink Hill
Jones, Mark Manard, Elec. Engg. 2	Asheville
Jones, Richard Lamar, Elec. Engg. 1	Winston-Salem
Jones, William Franklin, Elec. Engg. 3	Charlotte
Jones, Wade Oscar, Arts 2	Winston-Salem
Jones, Walter Raleigh, Arts 1	Rockingham
Jordan, Pattie Matthews, Arts-Educ. 4	Salisbury
Joyner, Archie Braswell, Arts 1	Greensboro
Joyner, Frank Carl, Sci. Med. 1	Farmville
Kahn, Edwin Bernard, Comm. 1	Roxbury, Mass.
Kale, Robert Glenn, Phar. 3	Catawba
Kapp, Constantine Hege, Arts 3	Winston-Salem
Karle, William Hormuth, Comm. 2	Rochester, N. Y.
Karriker, Thurman R. D., Comm. 4	Mooresville

Kaufman, Arthur Wright, Mech. Engg. 3	Essex Falls, N. J.
Kaufman, Philipp Klemens, Premed. 2	New Haven, Conn.
Keefe, John Eller, Predent. 2	New York, N. Y.
Keener, Charles Crum, Comm. 1	Kingsport, Tenn.
Kellenberger, Charles David, Jr., Mech. Engg. 2	Greensboro
Kellogg, Martin, Jr., Law 3 A.B., 1929	Sunbury
Kelly, Daniel Archibald, Arts 2	Biscoe
Kelly, Roger, Comm. 3	Towsan, Md.
Kelso, Joseph Edwin, Sci. Med. 1	Fayetteville, Tenn.
Kenan, James Graham, Arts 2	Atlanta, Ga.
Kendall, Bloomfield, Mech. Engg. 3	Shelby
Kendrick, Benjamin Burks, Jr., Comm. 4	Greensboro
Kendrick, Charles Mattocks, Med. 2 A.B., 1929, Duke Univ.	Fallston
Kennedy, John, Arts-Educ. 1	Shelby
Kennedy, Kenneth Durwood, Arts-Educ. 1	LaGrange
Kennerly, Taylor Brock, Arts-Educ. 1	Mount Ulla
Kent, Benjamin Horatio, Phar. 3	Lenoir
Kenyon, Van Leslie, Mech. Engg. 3	Hillsboro
Kerr, Edwin William, Elec. Engg. 1	Clinton
Kerr, Joseph T., Med. 1 B.S., 1929, Davidson Col.	Wilmington
Kerr, John Wise, Comm. 3	Statesville
Kersey, Walter Robert, Med. 1	Presque Isle, Me.
Kesler, Roland Lincoln, Med. 1 A.B. in Educ., 1929	Salisbury
Kestler, Charles Brewer, Arts 2	Concord
Kidd, Edward Benedict, Jr., Comm. 3	Charlotte
Kiel, David Kinsley, Phar. 1	Washington, D. C.
Kimrey, Donald Shoaf, Arts-Educ. 1	Raleigh
Kincaid, Archibald Douglas, Jr., Arts 4	Norfolk, Va.
Kincaid, Thomas Rufus, Arts-Jour. 2	Lenoir
Kindel, William Allen, Jr., Comm. 3	Charlotte
King, Benjamin Palmer, Arts 3	Hendersonville
King, Ernest Walter, Jr., Comm. 3	Charleston, S. C.
King, Otto Alvin, Comm. 1	Hillsboro
Kinney, Virginius Carlton, Sci. Med. 1	Huntersville
Kirby, John Wesley, Chem. Engg. 1	Gastonia
Kirk, Jacob Sidney, Elec. Engg. 4	Mocksville
Kirkpatrick, John James, Comm. 4	Caldwell, N. J.
Kiser, Worth Le Roy, Comm. 4	Bessemer City
Kitchin, Julian Percival, Jr., Law 1 A.B., 1930, The Citadel	Biltmore
Kitchin, Jesse Walton, Med. 2	Horse Shoe
Kitchin, Kate Parks, Arts 4	Scotland Neck
Kjellesvig, Erik Norman, Sci. Geol. 1	Havana, Cuba

Kjellesvig, Kolbein Ludvig, Arts 3 — Havana, Cuba
Kjellesvig, Pedro Pablo, Arts 4 — Havana, Cuba
Kleemeier, John Augustus, Jr., Comm. 3 — Greensboro
Klein, John Bernard, Jr., Civ. Engg. 1 — Oklahomo City, Okla.
Klutz, Howard Martin, Law 2 — Blowing Rock
B.A., 1929, Wake Forest Col.
Klieger, Philip Alvin, Phar 1 — Brooklyn, N. Y.
Knoefel, Arthur Eugene, Jr., Med. 1 — Black Mountain
A.B., 1929
Knoop, Frederick, Jr., Elec. Engg. 3 — Washington, D. C.
Knox, Harry Lee, Arts 1 — Statesville
Koch, Frederick, Henry, Jr., Elec. Engg. 2 — Chapel Hill
Koch, George Julian, Elec. Engg. 1 — Chapel Hill
Kochendorfer, Ronald Arthur, Arts 1 — Richmond Hill, N. Y.
Kochtitsky, Oscar Wilbur, Jr., Civ. Engg. 3 — Mount Airy
Koehl, George Martin, Arts-Educ. 4 — College Point, N. Y.
Kolby, Bernard Boris, Premed. 1 — Brooklyn, N. Y.
Korman, Saul, Comm. 2 — Brooklyn, N. Y.
Kornegay, Alonzo Dixon, Arts-Educ. 2 — Dover
Krasney, Morris, Sci. Med. 3 — Newark, N. J.
Kraus, Harold, Arts 2 — New York, N. Y.
Krider, James Hodge, Arts 3 — Salisbury
Krock, Simon, Civ. Engg. 1 — Worcester, Mass.
Kuralt, Wallace Hamilton, Comm. 4 — Clayton
Kurfees, James Gordon, Sci. Med. 2 — Raleigh
Lackey, Howard Lester, Law 3 — Carlisle, Penna.
A.B., 1929, Vanderbilt Univ.
Lacy, Dan Mabry, Arts 1 — Rocky Mount
Lamb, Clarence Mitchell, Elec. Engg. 1 — Belcross
Lamm, Porter Plowman, Comm. 1 — Wilson
Lance, Helen Frances, Arts 3 — Milton
Land, Edward Champion, Comm. 1 — Greensboro
Landis, Platt Walker, Comm. 2 — Charlotte
Lane, Benjamin Benson, Jr., Civ. Engg. 4 — Chapel Hill
Lane, Jean McIver, Arts-Educ. 3 — Sanford
Lane, Walter Austin, Comm. 2 — Monroe
Langdon, Benjamin Bruce, Arts 1 — Coats
Langston, Allen Wooley, Law 2 — Mocksville
A.B., 1929, Grinnell Col.
Langston, Douglas O'Brien, Premed. 1 — Franklinton
Lanier, Brasel, Arts 1 — Thomasville
Lanier, Edwin Sidney, Law 1 — Thomasville
Lankford, Robert Hamilton, Comm. 2 — Mountain Park
Lasko, Charles, Mech. Engg. 1 — Bronx, N. Y.
Lasley, William Thomas, Arts 2 — Burlington
Lassiter, John Hanes, Arts 2 — Charlotte
Lathan, Byron William, Arts 2 — Monroe

Lathan, William Ray, Arts-Educ. 3	Monroe
Lawrence, Alton Anderson, Arts 2	Vass
Lawrence, Alfred Stratton, Jr., Arts 3	Chapel Hill
Lawrence, William Norris, Comm. 4	Asheville
Laws, Leighton Goode, Comm. 1	Richmond, Va.
Lawson, Charles Franklin, Sci. Geol. 3	Chattanooga, Tenn.
Lawther, Francis Rivers, Med. 1	Wilmington
B.S., 1930, Davidson Col.	
Laxton, Fred Mitchell, Jr., Elec. Engg. 2	Charlotte
Lazarus, Rose, Phar. 2	Sanford
Lazeroff, Harold Julius, Comm. 1	Norwich, Conn.
LeGore, Floyd Ralston, Mech. Engg. 1	LeGore, Md.
Lea, Mebane Thomas, Arts 4	Wilson
Leak, John Duncan, Arts 1	Wadesboro
Leary, Hilary Ashburn, Arts 2	Old Trap
Ledbetter, James McQueen, Jr., Arts 2	Rockingham
Lee, Enoch Lawrence, Jr., Chem. Engg. 2	Wilmington
Lee, Howard Monroe, Elec. Engg. 1	Dunn
Lee, Theodore Russell, Premed. 2	Chapel Hill
Lee, William Frederick, Arts 1	Rocky Mount
Leggette, Lubin Poe, Arts-Educ. 3	Tabor
Leibowitz, William, Premed. 1	Jersey City, N. J.
Lemmond, Lonnie Hudson, Sci. Med. 2	Matthews
Lentz, Fred Henry, Chem. Engg. 1	Hendersonville
Lentz, Paul John, Arts-Educ. 3	Stony Point
Leon, Morris Richard, Arts 1	Brooklyn, N. Y.
Leonard, Clyde Wilson, Arts-Educ. 2	East Spencer
Leonard, Frank Alfred, Comm. 2	Leaksville
Lester, Charles Leroy, Arts-Educ. 1	Pine Hall
Lester, George Corpening, Elec. Engg. 1	Pine Hall
Levinson, Martin, Arts-Educ. 2	Waterbury, Conn.
Levitt, Robert Oscar, Arts 3	Brooklyn, N. Y.
Levy, Theodore David, Comm. 2	Tarboro
Lewis, Fred Gordon, Arts-Educ. 2	Beaufort
Lewis, George Wesley, Arts-Educ. 4	Marshallberg
Lewis, John Ray, Arts 1	Leaksville
Lewis, Martha Battle, Arts 3	Oxford
Lewis, Matt Ransom, Phar. 3	Atkinson
Liberstein, William, Premed. 2	Far Rockaway, N. Y.
Liles, Graham Allen, Comm. 2	Wilson Mills
Lindeman, John Bruce, Comm. 2	Greensboro
Lindley, John Van, Comm., Special	Greensboro
A.B., 1930	
Lindsay, William Samuel, Comm. 4	Camden, S. C.
Lineberger, Joseph William, Arts 2	Belmont
Lineberry, Argus Brown, Arts 2	Randleman
Lineberry, Robert Leon, Phar. 1	Harrellsville

Lingerfeldt, Theodore Howard, Arts-Educ. 2 — Bessemer City
Linker, Julius Dodd, Arts 4 — Salisbury
Linn, James Birney, Law 1 — Needham, Mass.
Lippincott, John Pim, Law 1 — Moorestown, N. J.
A.B., 1931, Guilford Col.
Lipscomb, Edward Russell, Arts-Educ. 4 — Greensboro
Lipscomb, John McCown, Comm. 1 — Durham
Liskin, Philip, Comm. 3 — New Rochelle, N. Y.
Little, George Roscoe, Jr., Comm. 1 — Elizabeth City
Little, Howard Q. L., Med. 1 — Conover
Little, James Bryan, Arts 1 — Washington
Little, James Millard, Jr., Law 1 — Winston-Salem
Lively, George David, Sci. Med. 1 — Reidsville
Lobdell, Hugh Lewis, Law 2 — Rosedale, Miss.
B.S., 1929, Miss. A. and M. Col.
Lockhart, Samuel Park, Jr., Mech. Engg. 1 — Durham
Lodge, William Jewett, Jr., Comm. 1 — New York, N. Y.
Loftin, Charles Ivey, Jr., Comm. 2 — Gastonia
Logan, Helen Louisa, Arts-Educ. 3 — Kings Mountain
Lohr, Dermot, Med. 1 — Lexington
London, George Elliot, Arts 2 — Raleigh
London, John Haughton, Comm., Special — Pittsboro
London, Laurence Foushee, Arts 4 — Pittsboro
Long, Edwin Godwin, Jr., Civ. Engg. 4 — Roxboro
Long, George Attmore, Law 2 — Graham
A.B., 1930
Long, Harold Wescott, Premed., Special — Atlanta, Ga.
Long, Joseph Wallace, Arts-Educ. 3 — Forest City
Long, Morris Henry, Comm. 2 — Chapel Hill
Long, William Ivey, Arts-Educ. 2 — Seaboard
Longest, Edward Cecil, Arts-Educ. 3 — Beaufort
Lorberbaum, Seymour, Comm. 1 — Brooklyn, N. Y.
Love, Marion Sumpter, Premed. 3 — Danville, Va.
Lovelace, Harry Hogin, Comm., Special — Indianola, Miss.
B.A., 1930, Univ. of the South
Loveland, Lewis Joseph, Arts 3 — North Tonawanda, N. Y.
Loven, Andrew William, Arts 3 — Cold Spring
Lowder, Carlton Boner, Arts 1 — Winston-Salem
Lowery, Samuel Mosley, Comm. 1 — Perry, Fla.
Lowrance, William Tay, Mech. Engg. 1 — Mooresville
Loy, Thomas Lycett, Arts 3 — Hagerstown, Md.
Lubetkin, Henry Leon, Premed. 2 — Hempstead, N. Y.
Lucas, Woodrow Wilson, Arts-Educ. 2 — Speed
Ludeman, Robert Oscar, Arts-Laws 2 — Glen Ridge, N. J.
Lufty, Napoleon Bonaparte, Arts-Educ. 4 — Greensboro
Lukens, Brittain Ely, Jr., Chem. Engg. 2 — Norfolk, Va.
Lukon, Leon, Arts 2 — Brooklyn, N. Y.
Lumpkin, Nathaniel Wilson, Jr., Arts 2 — Charlotte

Lumpkin, Virginia Dabney, Arts-Educ. 3	Danville
Lupton, Emmett Stevenson, Predent. 1	Hillsboro
Lynch, David, Comm. 2	Ocean City, Md.
Lynch, Joseph Holton, Civ. Engg. 1	Cordova, Md.
Lynch, James Madison, Arts 2	Asheville
Lynch, Myra Peyton, Arts 3	Asheville
Lynch, Stephen Andrew, Jr., Comm. 3	Asheville
Lynn, Dallas William, Arts 1	Durham
Lyon, Edwin Buchanan, Arts 1	Durham
Lyon, Homer LeGrand, Jr., Law 1	Whiteville
A.B., 1930	
Lyon, Howard Talmage, Arts 1	Glade Valley
Lyon, Winfield Hancock, Jr., Arts-Educ. 2	Smithfield
McAdams, Coy Ernest, Comm. 1	Graham
McAlister, Jean Colvin, Med. 2	Greensboro
B.A., 1921, Agnes Scott Col.	
McAllister, Harmon Carlyle, Premed. 2	Mount Pleasant
McAllister, William Howard, Jr., Comm. 1	Durham
McAnally, Adelaide Madison, Arts 4	High Point
MacArten, Neill Duncan, Premed. 1	Chapel Hill
McArthur, Jesse Boone, Arts-Educ. 4	Wakulla
McArthur, William Surles, Arts-Educ. 2	Wakulla
McArver, Harry Ford, Phar. 1	Lowell
McBrair, Henry Clay, Elec. Engg. 1	Essex Falls, N. J.
McBryde, William Gaston, Comm. 1	Raeford
McCachren, David Downs, Comm. 1	Charlotte
McCampbell, John Caldwell, Sci. Geol. 2	Morganton
McCanless, Walter Craighead, Mech. Engg. 1	High Point
McCaskill, James Norman, Arts 2	East Rockingham
McClure, David Craig, Arts-Educ. 3	Paw Creek
McColl, Gabrielle Palmer, Arts 3	Bennettsville, S. C.
McColl, Owen Jasper, Elec. Engg. 3	Fayetteville
McCombs, Loy Macon, Phar. 3	Salisbury
McConnell, John Daniel, Elec. Engg. 4	Gastonia
McCormick, George Harold, Chem. Engg. 4	Greensboro
McCotter, Dewitt Clinton, Jr., Law 1	New Bern
McCoy, Clarence Latimer, Jr., Comm. 2	Laurinburg
McCoy, John Patrick, Arts-Educ. 1	Charlotte
McCracken, Henry Faine, Arts 2	Waynesville
McDade, Carl Curtis, Jr., Predent. 1	Hillsboro
McDade, Roy Arnold, Arts-Educ. 2	Lenoir
McDaniel, Millard Taft, Arts-Educ. 3	Badin
McDaniel, Stanley Peter, Jr., Phar. 1	Woodland
McDermott, N. B., Jr., Arts-Educ. 3	Marshall
McDonald, James Harold, Comm. 2	Candor
McDonald, Robert Lacy, Sci. Med. 1	Timberland
McDowell, Robert Garren, Arts 1	Shelby

McDuffie, Daniel Curtis, Arts-Educ. 2 — Jackson Springs
McDuffie, William Cole, Comm. 2 — Fayetteville
MacFarlane, Robert Giles, Chem. Engg. 1 — Biltmore
McGanley, Joseph James, Comm. 2 — Oak Park, Ill.
McGee, Wyatt Hinton, Jr., Elec. Engg. 1 — Colerain
McGill, Montague Joseph, Comm. 1 — Philadelphia, Penna.
McGill, Sanford Foster, Jr., Sci. Med. 2 — Asheville
McGlamery, Wylie Hampton, Jr., Comm. 4 — Greensboro
McGlinn, John Alexander, Jr., Mech. Engg. 1 — Wynnewood, Penna.
McGurk, James Joseph, Arts 1 — Woodcliff, N. J.
McInnis, Ernest Clewell, Law 1 — Clio, S. C.
McIntyre, Donald Booth, Chem. Engg. 1 — West Newton, Mass.
McIver, Claude R., Arts-Educ. 3 — Summerfield
McIver, Evan Gordon, Jr., Comm. 1 — Durham
McIver, Henry Staton, Civ. Engg. 3 — Summerfield
McIver, Lynn, Jr., Comm. 1 — Sanford
MacKay, Jack Whiting, Mech. Engg. 1 — Durham
McKee, Lewis Middleton, Med. 2 — Durham
McKee, William Wakefield, Arts 2 — Chapel Hill
McKeithan, Wesley Lawrence, Elec. Engg. 1 — Fayetteville
McKenzie, Thomas Jefferson, Jr., Sci. Geol. 1 — Asheville
McKinney, Clyde Vernon, Arts-Educ. 4 — Rockingham
McKinney, Robert Harold, Elec. Engg. 1 — Greensboro
McKinnon, Lauchlin Wellington, Premed. 2 — Maxton
McLaughlin, Tad Lincoln, Sci. Phar. 3 — Mercersburg, Penna.
McLaughlin, William Robbins, Comm. 1 — Statesville
McLawhorn, Haywood Ammonia, Arts-Educ. 4 — Greenville
MacLean, Angus Wilton, Jr., Comm. 1 — Lumberton
McLean, Edward Price, Elec. Engg. 3 — Moultrie, Ga.
McLean, John Allan, Mech. Engg. 2 — Charlotte
McLean, Miles Augustus, Arts 2 — Lincolnton
McLean, Thomas Irving, Comm. 1 — Greensboro
McLennan, Dallas, Law 2 — Chapel Hill
S.B. in Commerce, 1926
McLeod, David Graham, Sci. Med. 1 — Raleigh
McLeod, Mary Margaret, Med. 1 — Sanford
McLeod, Ollen Douglass, Arts 4 — Chapel Hill
McMichael, Jule, Arts 3 — Wentworth
McMillan, Roscoe Drake, Arts 1 — Red Springs
McMillan, Robert Monroe, Arts 1 — Candor
McNair, Carl Milton, Elec. Engg. 1 — Hartsville, S. C.
MacNeill, John Coble, Comm. 2 — Charlotte
McNeill, John Duncan, Comm. 2 — Raeford
McPherson, William Primrose, Elec. Engg. 4 — Raleigh
MacRae, Cameron Farquhar, Sci. Med. 3 — Richmond, Va.
McRae, Edwin Earl, Sci. Geol. 1 — Peachland

McRorie, Cyrus Brown, Arts 3 — Rutherfordton
McRorie, Robert Grant, Comm. 1 — Rutherfordton
McShain, Joseph James, Comm. 1 — Philadelphia, Penna.
McWhirter, Mary Louise, Sci. Med. 2 — Salisbury
McWilliams, Robert Wheetton, Comm. 1 — Morehead City
Mace, William Arendell, Jr., Arts 1 — Beaufort
Macfayden, Alexander Graham, Premed. 2 — Concord
Madison, Ray Preston, Jr., Arts-Educ. 2 — Hamptonville
Madry, Claudius Jarratte, Arts 3 — Scotland Neck
Magner, James Edward, Law 3 — Philadelpia, Penna.
Maguire, Samuel Oscar, Jr., Prelaw 1 — Elkin
Maher, Edward Dillon, Comm. 1 — Oak Park, Ill.
Malone, George Holcomb, Comm. 1 — Pensacola, Fla.
Malone, Wexler Smathers, Law 3 — Asheville
A.B., 1928
Maner, James Fleetwood, Comm. 1 — Wadesboro
Maness, Riley Colon, Phar. 2 — Biscoe
Mangum, Charles Staples, Jr., Law 3 — Chapel Hill
A.B., 1927
Mangum, Edith Hooper, Arts-Educ. 4 — Greensboro
Manheim, Frank Joseph, Arts 2 — New York, N. Y.
Mann, Edmund Spencer, Comm. 3 — Lake Landing
Mann, Lonnie Bain, Jr., Comm. 1 — Charlotte
Manning, Henry Stancill, Comm. 2 — Williamston
Manning, Isaac Hall, Jr., Arts 4 — Chapel Hill
Manning, John Taylor, Arts 2 — Chapel Hill
Margolis, Jacob Hirsch, Mech. Engg. 2 — Raleigh
Margulies, Irving Niles, Arts 2 — Raleigh
Markham, William Sater, Jr., Arts 2 — Durham
Marland, Kenneth Milton, Comm. 3 — Oak Park, Ill.
Marley, Willard McCoy, Arts 3 — Goshen
Marpet, Arthur Robert, Arts 4 — Raleigh
Marsh, Ellis Eugene, Jr., Law 1 — Marshville
B.A., 1930, Davidson Col.
Marsh, Steve Parker, Sci. Geol. 3 — Marshville
Marshall, Alan Ashworth, Arts 4 — Wilmington
Marshall, Thomas Edmunds, Jr., Sci. Geol. 2 — Rocky Mount
Marshall, William Leak, Jr., Law 2 — Wadesboro
A.B., 1929
Martin, Albert Hugh, Law 1 — Monongah, W. Va.
Martin, Carl Thomas, Sci. Med. 1 — East Bend
Martin, Lester Cherry, Comm. 1 — Tarboro
Martin, Roland Lanneau, Arts-Educ. 1 — Fair Bluff
Martin, Russell Theodore, Comm. 2 — Walkertown
Marvin, James Robert, Elec. Engg. 2 — Charlotte
Mason, Robert Henry, Arts 2 — Mebane
Mason, William Beverley, Jr., Arts 2 — Washington, D. C.

Mason, Walter LaFayette, Jr., Arts-Educ. 3 Mebane
Mass, Jesse B., Comm. 3 New York, N. Y.
Massengill, William Walton, Sci. Phar. 2 Four Oaks
Massey, Otho Ralph Drummond, Arts 4 Alderson, W. Va.
Masten, William Ashburn, Arts-Educ. 1 Winston-Salem
Matheny, Wade Bostic, Law 2 Forest City
B.A., 1928, Wake Forest Col.
Matheson, Frank Mitchell, Arts 1 Taylorsville
Matheson, James Daniel, Sci. Geol. 1 Raeford
Mathews, Joseph Lawrence, Comm. 1 Goldsboro
Mathewson, Clark, Mech. Engg. 1 Raleigh
Matlin, Israel Matthew, Arts 1 New York, N. Y.
Matthews, Millender Maxwell, Chem. Engg. 3 Asheville
Matthews, William Bonneau, Phar. 1 Charlotte
Mattocks, Philip Ward, Sci. Geol. 4 Gillett
Mattocks, Theodore Coleman, Arts-Educ. 1 Gillett
Mauney, Clyde David, Comm. 4 Cherryville
Mauney, Jesse Lloyd, Arts 1 Shelby
Maus, James Reginald, Arts 4 Greensboro
Maxwell, William Hampton, Arts 4 Granite Hill, Ga.
Maybank, Theodore, Comm. 2 Charleston, S. C.
Mead, Harold Gordon, Comm. 1 Rutherford, N. J.
Meares, Van, Arts 3 Cerro Gordo
Meares, Wilton Emerson, Arts 1 Cerro Gordo
Mebane, Robert Jesse, Jr., Arts 2 Durham
Medford, William Clinton, Law 1 Rainbow Springs
Melvin, Hiram Alexander, Arts-Educ. 3 Elizabethtown
Menge, Bernard, Comm. 1 East Liverpool, O.
Menzies, Philip Graeme, Comm. 3 Hickory
Mercer, Grady, Arts-Educ. 4 Beulaville
Merrell, Herman Stroupe, Law 1 Fairview
Merritt, Jesse Fred, Premed. 2 Greensboro
Merritt, Robert Amsey, Law 2 Greensboro
A.B., 1928, Washington and Lee Univ.
Merritt, William Daniel, Jr., Law 1 Roxboro
Meyer, Julian Herman, Sci. Med. 1 Enfield
Meyers, Hyman, Comm. 3 Goldsboro
Meyers, Samuel Sidney, Civ. Engg. 1 Goldsboro
Michaels, Edward Griffin, II, Comm. 1 Greensboro
Midgett, Ernest Leeland, Mech. Engg. 3 Kitty Hawk
Midgett, Lorimer Willard, Arts-Educ. 3 Elizabeth City
Miles, Charlotte Wilson, Arts-Educ. 3 Danville, Va.
Milhous, John Philip, Arts 3 Fayetteville, Tenn.
Miller, George Powers, Chem. Engg. 1 Rocky Mount
Millender, Stephen Henry, Arts 4 Asheville
Miller, Arnold Hyman, Arts 1 Dorchester, Mass.
Miller, Harvey Lee, Elec. Engg. 1 Carthage

Miller, Hubert Russell, Arts 3	Middletown, Conn.
Miller, John Edward, Arts-Educ. 3	Winston-Salem
Miller, James Ivan, Arts-Educ. 3	Clifton
Miller, John Marion, Sci. Med. 3	Savannah, Ga.
Miller, Lyddane, Sci. Med. 1	Charlotte
Miller, Lawrence Lee, Comm. 3	Charlotte
Miller, William Alexander, Arts-Educ. 2	North Wilkesboro
Miller, William Glenn, Elec. Engg. 2	Misenheimer
Mills, Bonner Sutherland, Jr., Comm. 4	Greenville, S. C.
Mills, James Benton, Arts 4	Polkton
Mills, William Robert, Jr., Elec. Engg. 4	Louisbury
Minges, Coyte Roscoe, Arts 1	Rocky Mount
Minor, Edwin Aydlett, Comm. 1	Charlotte
Misenheimer, Charles Payne, Comm. 2	Richfield
Mitcham, William Claude, Jr., Comm. 2	Charlotte
Mitchelle, Wiley Earl, Comm. 2	Danville, Va.
Mock, Charles Glenn, Premed. 3	Spencer
Moffitt, Hugh Alfred, Comm. 1	High Point
Mohorn, James Ray, Arts-Educ. 4	Littleton
Monoghan, John McDermott, Arts 1	Fayetteville
Monroe, Albert Rother, Sci. Geol. 4	Salisbury
Moody, George Dougald, Arts 4	Charlotte
Moore, Beverly Cooper, Arts 4	Greensboro
Moore, Ernest Vic, Med. 2	Shelby
B.A., 1924, Wake Forest Col.	
Moore, Fred Howard Jayner, Comm. 4	Stantonsburg
Moore, James Edwin, Comm. 3	Wilmington
Moore, James Osborne, Law 1	Charlotte
Moore, Owen Jones, Comm. 2	Scotland Neck
Moore, Reeme, Arts 4	Dallas, Tex.
Moore, Richard Henry, Civ. Engg. 4	Battleboro
Moore, Robert McLean, Comm. 1	Greensboro
Moore, William Benjamin, Arts-Educ. 4	Reidsville
Moore, William Heywood, Arts 2	Wilmington
Moore, William Kenneth, Arts-Educ. 1	Stanley
Moore, William Nathaniel, Sci. Phar. 2	Stokes
Moore, William Walter, Comm. 4	Rocky Mount
Morgan, David Bradley, Mech. Engg. 1	Biltmore
Morgan, Emily Nichols, Arts 3	Chapel Hill
Morgan, Roscoe Howard, Law 1	Marshville
Morisey, Jack Cornelison, Comm. 2	Clinton
Morris, Joseph Alfred, Arts 2	College Point, N. Y.
Morris, Mary Wadley, Arts 3	Columbus, Ga.
Morrisette, Edna Eloise, Arts 4	Elizabeth City
Morrison, James Salen, Comm. 3	Baltimore, Md.
Morrison, Matthew Stuart, Jr., Chem. Engg. 2	Wilson

Mortensen, Arthur Ludwig, Comm. 1	Mount Vernon, N. Y.
Morton, Ralph Duncan, Elec. Engg. 1	Kingsport, Tenn.
Morton, Samuel Elgar, Jr., Sci. Med. 1	Charlotte
Moseley, Herbert Everett, Jr., Arts 3	Kinston
Moser, Richard Harmon, Law 1	Swannanoa
Moss, Frederick Morris, Sci. Phar. 2	Lowell
Mount, Alfred Alexander, Comm. 4	College Point, N. Y.
Mowery, Hartman Baxter, Comm. 2	Salisbury
Mozingo, Ray Bunyan, Arts-Educ. 1	Princeton
Mulieri, Bruno Casserio Ferrer, Comm. 2	Augusta, Ga.
Mulligan, Joseph John, Comm. 1	Philadelphia, Penna.
Mullis, Oscar Lee, Arts 1	Allen
Munch, Ralph Howard, Sci. Chem. 4	Chapel Hill
Murdoch, Frank Johnstone, Jr., Elec. Engg. 1	Salisbury
Murphy, George Stevens, Comm. 2	Westfield, N. J.
Muse, Joseph Burroughs, Arts 1	Hamlet
Musgrave, Alice Elizabeth, Educ., Special A.B., 1930, Sweet Briar Col.	Goldsboro
Myers, James Norwood, Arts-Educ. 1	Kimesville
Myers, James Wesley, Arts-Educ. 1	Winston-Salem
Myers, Ralph Davis, Arts-Educ. 1	Effingham, S. C.
Myers, William Turelius, Comm. 3	Charlotte
Nahikian, Howard Movets, Arts 2	Asheville
Nalle, Brodie Crump, Jr., Sci. Med. 1	Charlotte
Napier, William Benjamin, Arts 4	Wilmington
Nash, Edmund Strudwick, Jr., Comm. 4	Wilmington
Nash, Willis Vanderhoef, Comm. 1	Minneapolis, Minn.
Nazareno, Alfredo, Arts-Laws 3	Manila, P. I.
Needham, John Kemp, Premed. 1	Pfafftown
Neely, Edgar Adams, II, Arts 4	Atlanta, Ga.
Neese, Paul Van, Arts-Educ. 1	Leaksville
Nelson, Herbert Andrew, Civ. Engg. 4	Oak Park, Ill.
Nettles, Herbert Robert, Arts-Educ. 4	Arden
Neuren, Emanuel Al, Arts 1	Brooklyn, N. Y.
Neville, Benjamin Holland, Arts 2	Whitakers
New, Albert, Chem. Engg. 1	Waynesville
Newby, Ruth Toms, Arts-Jour. 3	Hertford
Newcombe, Elliott Hill, Comm. 2	Charlotte
Newland, Howard Theodore, Comm. 2	Pasadena, Calif.
Newman, George Franklin, Jr., Comm. 4	Greensboro
Newsom, Jesse Strickland, Mech. Engg. 4	Sandersville, Ga.
Newton, Jerry Louis, Jr., Comm. 2	Rural Hall
Nichols, Charles Irving, Predent. 2	Medford, Mass.
Nicholson, John Ambros, Arts 1	Raleigh
Nicholson, Plummer Alston, Mech. Engg. 1	Greensboro
Nims, David Anderson, Elec. Engg. 4	Mount Holly

Nisbet, John Edwin, Jr., Sci. Geol. 2	Van Wyck, S. C.
Nisbet, Thomas Glayas, Arts 1	Huntersville
Noe, Walter R., Jr., Arts-Music 1	Wilmington
Nofal, Philip Alexander, Chem. Engg. 1	Florence, S. C.
Nooe, Frederick Parker, Jr., Arts-Educ. 3	Pittsboro
Norman, Joseph Hunter, III, Arts 3	Raleigh
Norris, James Lloyd, Civ. Engg. 4	Dunn
Northrop, Theodore McGeachy, Med. 2 B.S., 1929, Davidson Col.	St. Pauls
Norwood, Grover Jackson, Jr., Premed. 1	Granite City, Ill.
Norwood, Jo White, Arts-Educ. 3	Louisville, Ky.
Novins, Robert James, Arts 2	Toms River, N. J.
Nowell, James Newsom, Comm. 1	Raleigh
Nunn, Elizabeth Nichols, Arts-Jour. 3	New Bern
O'Brien, William Joseph, Jr., Elec. Engg. 2	Durham
O'Bryan, Allen Darlington, Comm. 1	Beaufort
O'Donnell, Hubert Haywood, Comm. 3	Raleigh
O'Hara, Thomas Francis, Mech. Engg. 1	New York, N. Y.
O'Neal, Ruffin Mann, Elec. Engg. 1	Fairfield
O'Neil, Frank Church, Med. 1 A.B., 1930	Henderson
O'Neil, John Tettemer, Comm. 1	Henderson
Oakley, Roy Wilson, Civ. Engg. 1	Timberlake
Oates, Charles Calvin, Elec. Engg. 1	Kings Mountain
Oberfell, Gilbert Fleming, Comm. 2	Lynchburg, Va.
Oden, William Augustus, Arts-Educ. 2	Beaufort
Odom, Jesse Winborne, Arts-Educ. 1	Murfreesboro
Odum, Eugene Pleasants, Arts 1	Chapel Hill
Oettinger, Albert Alton, Comm. 1	Greensboro
Oettinger, Elmer Rosenthal, Jr., Arts 1	Wilson
Old, William Thomas, Jr., Mech. Engg. 1	Elizabeth City
Olive, Daniel Jackson, Arts 1	Chapel Hill
Oliver, Charity Crowell, Sci. Chem. 4	Whiteville
Oliver, George Motley, Arts 4	Yanceyville
Oliver, Robert Mitchell, Jr., Med. 2	Dillon, S. C.
Oliver, William Bridges, Arts-Educ. 4	Pine Level
Oliverio, Anthony, Comm. 2	Clarksburg, W. Va.
Olmstead, Albert Lewis, Arts 1	Raleigh
Olmsted, Warren Fizzell, Arts 3	Southern Pines
Orbaugh, Randolph Edwin, Mech. Engg. 2	Gatun, C. Z.
Ormond, William Newmas, Arts-Educ. 3	Hookerton
Overman, Charles Beatty, Chem. Engg. 4	Washington, D. C.
Overstreet, Hugh, Jr., Comm. 1	Burgaw
Overton, James Hardy, Jr., Arts-Educ. 1	Coinjock
Owen, Otto Clyde, Jr., Comm. 2	Winter Haven, Fla.
Owen, Walter Festus, Comm. 4	Roseboro
Owens, Frank Neely, Comm. 3	Charlotte

Pace, James Gustavus, Jr., Sci. Med. 1	Pensacola, Fla.
Pace, Lacey Baker, Arts-Educ. 1	Leaksville
Pachman, Daniel Jack, Arts 4	Brooklyn, N. Y.
Page, Maxcy Ford, Mech. Engg. 1	Marietta
Page, Paul Edward, Arts 1	Lincolnton
Paisley, Layton Cassidy, Comm. 2	Lenoir
Palmer, Alston Twitty, Comm. 2	Macon
Palmer, Hewitt Hoyle, Premed. 1	Lawndale
Pancoe, Stephen, Comm. 1	Nesquehoning, Penna.
Park, Albert Pair, Arts 1	Raleigh
Park, John Alsey, Jr., Arts 3	Raleigh
Park, Milton Purcell, Comm. 4	Greensboro
Parker, Frank Marion, Arts 1	Asheville
Parker, Henry Bryce, Law 2 A.B., 1928	Monroe
Parker, Joseph Allen, Comm. 1	Goldsboro
Parker, Josephine Patton, Arts 4	Asheville
Parker, Robert Walter, Arts-Educ. 1	Mountain Park
Parker, William Borst, Comm. 1	Cameron
Parker, William Carey, Law 1 A.B., 1930	Raleigh
Parrish, Leland Frederic, Phar. 3	Smithfield
Parrish, Willard Lee, Comm. 3	Rocky Mount
Parks, Robert Alton, Premed. 1	Red Springs
Parrott, James Franklin, Jr., Comm. 4	Kinston
Parsley, Henry Nutt, Comm. 2	Wilmington
Parsley, Robert Aubrey, Jr., Mech. Engg. 4	Wilmington
Parsons, Thomas Leake, Arts 3	Greensboro
Parsons, William Moore, Arts 1	Greensboro
Paskefsky, Milton, Premed. 1	New York, N. Y.
Patrick, Benjamin Franklin, Arts-Educ. 2	Gum Neck
Patrick, Christopher Lafayette, Arts 2	Ayden
Patrick, Charles Johnston, Arts 1	Hillsboro
Patterson, Frederick Geer, Arts 2	Chapel Hill
Patterson, Henry Newton, Comm. 4	High Point
Patterson, John Armpstead, Arts 1	Liberty
Patterson, Joseph Hanan, Arts 1	Hendersonville
Patterson, William Benton, Arts 2	Coats
Pattisall, Richard Odell, Arts-Educ. 2	Roanoke, Va.
Patton, James Wadsworth, Mech. Engg. 1	Black Mountain
Paxton, Branche Edwards, Comm. 4	Brevard
Peace, Closs Courtney, Arts-Educ. 3	Henderson
Peace, Samuel Thomas, Jr., Arts 3	Henderson
Peacock, Clarence Wasden, Comm. 1	Goldsboro
Peacock, Edwin Bruton, Comm. 1	Fremont
Peacock, John Gaston, Comm. 2	Fremont
Peacock, Joseph Thomas, Civ. Engg. 2	Fremont

Peacock, James William, Comm. 2	Wilson
Peacock, Philip Nathaniel, Arts 2	Salisbury
Pearlstine, Floyd Jacobs, Arts 3	Charleston, S. C.
Pearson, George Wilson, Civ. Engg. 2	Clover, S. C.
Pearson, Thomas Gilbert, Jr., Arts 2	New York, N. Y.
Peebles, Calvert Goosley, Jr., Sci. Geol. 3	Chapel Hill
Peele, James Clarendon, Sci. Med. 3	LaGrange
Peeler, Arthur Gregory, Jr., Comm. 4	Salisbury
Peetz, William Ward, Comm. 2	Winstead, Conn.
Pegram, Laurence Lee, Arts-Educ. 2	Hamlet
Pelton, Paul Philip, Premed. 1	Southern Pines
Penn, Edgar Vaughn, Comm. 1	Madison
Penn, Charles Ashby, Jr., Arts 2	Reidsville
Peres, Isaac Solomon, Comm. 2	Gastonia
Perez, Armando Mendez, Elec. Engg. 4	Havana, Cuba
Perkins, Edwin Marvin, Law 2	Brevard
A.B., 1929	
Perlmutter, Joseph, Premed. 2	Long Island, N. Y.
Perrow, Betsy Marshall, Arts-Educ. 3	Asheville
Perry, Alton Whitman, Arts-Educ. 3	Washington
Perry, Daniel Thaddeus, Jr., Comm. 1	Fayetteville
Perry, Joseph K., Predent. 1	Sanford
Person, Edgar Cooper, Arts 4	Pikeville
Person, James Bryant, Comm. 1	Selma
Peterson, Everett Lindsay, Elec. Engg. 2	Clinton
Peterson, Woodrow Hufham, Arts-Educ. 1	Clinton
Petty, Alvis Brooks, Arts-Educ. 2	Pittsboro
Pfohl, James Christian, Arts 1	Winston-Salem
Pfohl, Richard Haas, Arts, Special	Winston-Salem
Phillips, Arthur, Arts 3	Brooklyn, N. Y.
Phillips, Florence Lorraine, Arts-Educ. 4	Fredericksburg, Va.
Phillips, George Arthur, Jr., Chem. Engg. 2	Washington
Phillips, Joseph Battle, Arts 1	Middlesex
Phillips, Jasper Edward, Phar. 2	Macclesfield
Phillips, Ulric Bonnell, Jr., Arts 1	New Haven, Conn.
Philpott, Benjamin Cabell, Sci. Med. 2	Lexington
Phipps, Harry Lee, Arts 1	Fries, Va.
Phipps, John Moore, Arts 1	Fries, Va.
Phipps, Julian Tyree, Arts 2	Rocky Mount
Pickard, Ellis Melvin, Arts-Educ. 4	Burlington
Pickard, Henry Mack, Premed. 1	Wilmington
Pickett, Aubrey Mangum, Comm. 2	Durham
Pierce, William Lee, Jr., Comm. 1	Charlotte
Piland, Newbern Earl, Arts 1	South Hill, Va.
Pitkin, Stephen Henderson, Mech. Engg. 1	Pittsburgh, Penna.
Pittard, Lorenzo Lloyd, Arts 1	Thelma

Pittman, John Jay, Chem. Engg. 1	Rocky Mount
Pittman, James Laertes, Comm. 1	Scotland Neck
Pleasants, Clifton Edward, Comm. 4	Winston-Salem
Plumblee, Millard Quentin, Arts-Educ. 4	Mars Hill
Plumly, Lindsay Catlin, Comm. 2	Winston-Salem
Plummer, John Franklin, Jr., Arts 1	Glen Ridge, N. J.
Plummer, Robert Cronly, Mech. Engg. 4	Wilmington
Poe, Charles Aycock, Arts 1	Raleigh
Poindexter, Harold Oscar, Comm. 2	Rural Hall
Pollard, Ambrose Jones, Jr., Sci. Med. 1	Durham
Polonsky, Arthur, Predent. 2	New York, N. Y.
Pond, Russell Caffery, Chem. Engg. 3	New Orleans, La.
Pool, Charles Garrett, Arts 1	Lindale, Tex.
Poole, James Gregory, Arts 4	Virgilina, Va.
Poole, James Robert, Premed. 1	Lumberton
Pope, Gordon McDonald, Civ. Engg. 1	Durham
Poplin, Robert Lemuel, Sci. Chem. 4	Statesville
Potter, Douglas Laten, Med. 1 A.B., 1930	West Palm Beach, Fla.
Potter, James Davis, Comm. 4	Beaufort
Potter, William Hollister, Arts-Educ. 4	Beaufort
Powell, Albert Henry, Comm. 1	Fair Bluff
Powell, Albert Vernon, Comm. 2	Henderson
Powell, Daniel Augustus, Jr., Arts 1	Goldsboro
Powell, Elmer Cromwell, Jr., Sci. Chem. 2	Henderson
Powell, Eppie Charles, Sci. Med. 3	Middlesex
Powell, Margaret, Arts 3	Biltmore
Powell, Russell Lee, Arts-Educ. 1	Vale
Powell, William Curtis, Arts-Educ. 2	Danville, Va.
Powell, Woodson Lee, Arts-Educ. 2	Pittsboro
Pratt, Charles Alexander, Arts 1	Greensboro
Pratt, Joseph Hyde, Jr., Arts 2	Chapel Hill
Presberg, Moe, Arts 2	New York, N. Y.
Prescott, Walter Calhoun, Arts 1	Asheville
Pressly, Joseph Earl, Sci. Med. 1	Goldsboro
Preston, John Alfred, Chem. Engg. 3	Lewisburg, W. Va.
Pretlow, Joel Cook, Comm. 3	Wilmington
Prevost, John Aaron, Comm. 4	Waynesville
Prevost, Whitener Harris, Comm. 4	Waynesville
Price, Henkel Moser, Arts 4	Hickory
Price, Mary Watkins, Arts 4	Greensboro
Pridgen, Forrest Battle, Sci. Geol. 4	Creek
Priest, Gordon Webb, Comm. 1	Baltimore, Md.
Prince, Benjamin Cliffton, Jr., Comm. 2	Norfolk, Va.
Prochazka, Otto William, Arts 1	Flushing, N. Y.
Proctor, Benjamin Clayton, Jr., Elec. Engg. 2	Asheville

Proctor, Cecil McColl, Predent. 1	Dillon, S. C.
Proctor, David, Comm. 4	Grimesland
Proctor, Robert Huntington, Jr., Arts 4	Long Island, N. Y.
Proffit, Oliver MacNeil, Arts-Educ. 4	Goshen
Propst, Walter Guy, Arts 2	Salisbury
Prouty, Frederick Morgan, Sci. Geol. 3	Chapel Hill
Puckett, Ulysses Stratten, Sci. Phar. 1	Stovall
Purches, Frederick Joseph, Comm. 1	Pittsfield, Mass.
Purser, James Clayton, Arts-Educ. 4	Unionville
Queen, James Shook, Arts 1	Waynesville
Query, Robert Mott, Elec. Engg. 1	Charlotte
Quinn, George Joseph, Jr., Civ. Engg. 4	East Orange, N. J.
Quinn, Robert Carl, Arts 3	Raleigh
Rabinowitz, Solomon Abraham, Sci. Med. 2	Paterson, N. J.
Radford, German Edgar, Comm. 2	Jackson Springs
Ramsaur, Jackson Townsend, Med. 2	Kings Mountain
A.B., 1929, Duke Univ.	
Ramsay, Alexander West, Premed. 2	Newport News, Va.
Ramsay, Kerr Craige, Arts 4	Salisbury
Ramseur, Loretz Leon, Phar. 1	Charlotte
Ramsey, John Ellyson, Comm. 1	Bassett, Va.
Rand, Richard Gilbert, Jr., Chem. Engg. 1	East Flat Rock
Randel, Ogden Morris, Mech. Engg. 1	Stamford, Conn.
Randolph, Cornelius Posey, Law 1	Green Mountain
Randolph, Joseph Vernon, Comm. 1	Rocky Mount
Rankin, Blair Jenkins, Arts-Educ. 2	Ellerbe
Rankin, Forney Anderson, Arts 1	McAdenville
Rankin, William Harlow, Comm. 1	Wilmington
Raper, Julian Ellsworth, Arts-Educ. 3	Elizabeth City
Raper, John Robert, Arts 2	Welcome
Ratcliff, John Langly, Comm. 1	Pantego
Ratcliffe, Thomas Edward, Arts-Educ. 2	Durham
Ratliffe, Steele Haywood, Arts 1	Morven
Rawls, Cyrus Franklin, Sci. Geol. 3	Catherine Lake
Ray, Frederick, Jr., Phar. 2	Sanford
Ray, Joseph King, Arts 4	Leaksville
Raymer, Dewey Little, Jr., Comm. 2	Statesville
Raymer, Furches Barker, Comm. 1	Statesville
Rea, John Wren, Med. 1	Matthews
Reavis, Charles William, Sci. Med. 3	Raleigh
Rector, Thomas Beatty, Law 1	Asheville
Redding, Thomas Henry, Comm. 3	Asheboro
Redding, Thomas Stanley, Comm. 2	Asheboro
Reed, Elizabeth Gatewood, Arts 4	Beaumont, Tex.
Reed, Mary Adelaide, Arts 4	Beaumont, Tex.
Reeves, Marjorie Isobel, Arts 3	Leicester

Reeves, Robert, Arts 4	Cincinnati, O.
Regan, Talmadge Woody, Arts-Educ. 3	Roxboro
Register, John Wright, Elec. Engg. 1	Clinton
Reid, Garrison, Comm. 2	Winston-Salem
Reid, John Walker, Arts-Educ. 2	Charlotte
Reid, Robert Alexander, Comm. 1	Pottsville, Penna.
Reitzel, Claude Everette, Jr., Law 3 A.B., 1926	High Point
Renegar, Gilbert James, Sci. Med. 2	Southern Pines
Renn, Claude Allen, Arts-Educ. 2	Oxford
Rennie, Emma Elizabeth, Arts 3	Jacksonville, Fla.
Rennie, James Malcolm, Mech. Engg. 1	Richmond, Va.
Renshaw, James Reed, Arts 1	Nettleton, Miss.
Reynolds, Arthur Eugene, Jr., Civ. Engg. 4	Salisbury
Reynolds, Robert Rice, Jr., Arts 1	Asheville
Reynolds, Randolph Smith, Comm. 1	Anniston, Ala.
Reynolds, William Odell, Jr., Predent. 1	Winston-Salem
Rhett, Albert Moore, Arts 4	Charleston, S. C.
Rhinehart, Charles Floyd, Jr., Comm. 4	Canton
Rhodes, Charles McKinne, Arts 1	Smithfield
Rhodes, Charles Reginald, Jr., Phar. 2	Hamlet
Rhodes, Paul Heilig, Arts 4	Albemarle
Rice, Isadore, Arts 2	Boston, Mass.
Rice, Saul, Arts 1	Roxbury, Mass.
Richardson, Holland Craig, Arts-Educ. 1	Leaksville
Richardson, Lee, Chem. Engg. 2	Atlanta, Ga.
Richardson, Richard Edgeworth, Predent. 1	Leaksville
Riddick, Howard Beamon, Comm. 1	Belhaven
Riddick, Thomas Moore, Civ. Engg. 4	Gatesville
Riddle, Robert Benjamin, Arts-Educ. 2	Gastonia
Ridenhour, Walter, Arts 1	Greensboro
Ridenhour, William Bevil, Arts 1	Greensboro
Riggs, Lewis Sidney, Comm. 2	Mebane
Riley, Jack Robert, Arts 2	Dunn
Riley, William Eugene, Arts 1	Brockport, N. Y.
Ritchie, Howard Raymond, Comm. 2	High Point
Ritchie, Robert Lee, Civ. Engg. 1	Concord
Ritter, John, Chem. Engg. 1	Lumberton
Roach, George Harold, Comm. 4	Greensboro
Roane, Henry, Law 3	Winston-Salem
Robbins, Enoch Garland, Civ. Engg. 3	Greensboro
Robbins, Joseph C., Arts 2	Jamestown
Roberson, Clarence Eugene, Comm. 1	Kelford
Roberts, Clyde Morris, Arts-Educ. 4	Marshall
Roberts, Descum Benton, Premed. 2	Utica, N. Y.
Roberts, Elise Williams, Arts 4	Charlotte

Roberts, Max Malcolm, Arts-Educ. 2	Marshall
Roberts, Ray John, Arts-Educ. 3	Landis
Roberts, Victor Watson, Arts-Educ. 4	Lenoir
Roberts, William Gudger, Arts 2	Marshall
Robertson, Ashby Coleman, Elec. Engg. 4	Burlington
Robertson, Stuart, Jr., Comm. 1	Raleigh
Robey, Wesley Marvin, Mech. Engg. 2	Charlotte
Robinson, Carlton, Phar. 2	Atlantic
Robinson, Thomas Jefferson, Elec. Engg. 1	Morven
Robinson, William Ashby, Jr., Premed. 2	Old Fort
Robinson, Warrick Dudley, Arts 3	LaGrange, Ill.
Rockhill, William Rurode, Comm. 1	Fort Wayne, Ind.
Rodin, Benjamin, Arts-Educ. 2	Brooklyn, N. Y.
Rogers, Carroll Pickens, Comm. 2	Tryon
Rogers, Marie, Phar. 3	Kinston
Rollins, Charles Dick, Sci. Med. 3	Henderson
Rollins, Robert Truett, Sci. Geol. 1	Elizabethtown
Rose, Charles Grandison, Jr., Arts 2	Fayetteville
Rose, Jean Evans, Arts 3	Chapel Hill
Rose, Walter Thomas, Arts 3	Wadesboro
Roseman, John Melza Sitton, Arts-Educ. 2	Lincolnton
Rosemond, George Parrott, Med. 1	Kinston
Rosen, Sidney Harold, Arts 1	New York, N. Y.
Rosenblatt, Abraham, Arts-Educ. 4	Brooklyn, N. Y.
Rosenblum, Solomon Stanley, Arts 1	Brooklyn, N. Y.
Rosenfeld, Martin Ainsworth, Arts 3	Arverne, N. Y.
Rosenstrauch, Lawrence Sanford, Arts 1	Flushing, N. Y.
Rosenthal, Spencer Melvin, Comm. 1	Brooklyn, N. Y.
Ross, James Neill, Mech. Engg. 1	Greensboro
Ross, Laurence Wilson, Arts-Educ. 2	Davidson
Rostan, Athos, Comm. 1	Valdese
Roth, Sidney Goldwater, Arts-Educ. 3	Brighton Beach, N. Y.
Roth, William Lowe, Comm. 2	Scarsdale, N. Y.
Rothman, Edward, Premed. 1	New York, N. Y.
Rothrock, Thomas Hardy, Elec. Engg. 1	Walnut Cove
Rouiller, Charles August, Jr., Chem. Engg. 1	Baltimore, Md.
Rouse, Louis Livingston, Sci. Phar. 2	Holly Springs
Rowland, Lenton Orlando, Arts-Educ. 2	Holly Springs
Royster, Chauncey Lake, Arts 4	Chapel Hill
Royster, Theodore Satterwhite, Premed. 2	Bessemer City
Royster, Wyte Deston, Mech. Engg. 1	Fallston
Ruble, Raymond John, Chem. Engg. 4	Chapel Hill
Rudisill, Jones Solomon, Jr., Phar. 1	Forest City
Ruff, Donald Scott, Comm. 3	Creedmoor
Ruffin, Peter Browne, Arts 4	Wilmington
Rulfs, Donald Jacob, Arts-Educ. 3	Wilmington

Rush, Everett Louis, Premed. 2	Chapel Hill
Rushing, Sarah Elizabeth, Arts-Educ. 4	Marshville
Russell, Doretta, Arts 3	Augusta, Ga.
Rutledge, Jacob Carlyle, Arts 3	Stanley
Sain, Fletcher Dover, Med. 1	Lawndale
Sale, Harold Shade, Arts-Educ. 2	Elkin
Sales, John Claude, Jr., Comm. 4	Fletcher
Salmini, Ambrose Peter, Arts-Jour. 1	Hoboken, N. J.
Samilowitz, Abraham, Sci. Med. 3	Brooklyn, N. Y.
Sample, Frank Lincoln, Jr., Arts 3	East Boothbay, Me.
Samson, Samuel, Comm. 1	Newark, N. J.
Sanderson, Earlee Clifford, Arts-Educ. 4	Wallace
Sanderson, John James, Arts-Educ. 3	Wingate
Sanderson, Philip Fay, Phar. 1	Chinquapin
Sandlin, Wayne Mills, Phar. 1	Verona
Sartwell, Robert Thomas, Comm. 3	Kinston
Sasscer, Henry Skinner, Mech. Engg. 1	Upper Marlboro, Md.
Sasser, Philip, Arts 1	Princeton, W. Va.
Satterfield, William Robert, Jr., Comm. 3	Memphis, Tenn.
Sawyer, Abbott, Comm. 2	Merritt
Sawyer, Andrew Tyer, Comm. 4	Elizabeth City
Sawyer, Claude Melmoth, Jr., Chem. Engg. 2	Winston-Salem
Sawyer, Hugh, Comm. 1	Elizabeth City
Saylor, Conrad, Arts-Educ. 2	Pfafftown
Sayre, Sidney William, Comm. 4	Tryon
Scales, Wallace Bryan, Jr., Arts 4	New York, N. Y.
Scarboro, Samuel Stuart, Civ. Engg. 2	Schoolfield, Va.
Scarborough, Asa Mark, Med. 2	Greenville, S. C.
Scarborough, Vernon Harris, Sci. Med. 2	Wadeville
Schaaf, Bernard John, Arts 3	Chapel Hill
Scheidt, Edward, Law 3	Chapel Hill
A.B., 1926	
Schlumberger, Hans George, Arts 1	Atlantic City, N. J.
Schmukler, Milton, Comm. 1	Hurleyville, N. Y.
Schnauffer, Patrick McGill, Law 2	Brunswick, Md.
A.B., 1928, Washington Col.	
Schnell, Robert Howard, Arts 3	North Tonawanda, N. Y.
Schoenrich, Otto, Arts 2	New York, N. Y.
Schreiber, George, Comm. 1	Newark, N. J.
Schreiner, Oswald, Jr., Comm. 2	Chevy Chase, Md.
Scoggin, Lewis Edward, Jr., Phar. 3	Louisburg
Scoggin, Solomon Williams, Premed. 1	Louisburg
Scott, Erwin Ralph, Sci. Geol. 4	Cummington, Mass.
Scott, Samuel Devond, Jr., Comm. 1	Fair Bluff
Seawell, Ashley Flowers, Arts 4	Sanford
Seawell, Donald Ray, Arts 2	Sanford
Seawell, Malcolm Buie, Arts 4	Sanford

Sehon, John Leicester, Jr., Arts 3	Huntington, W. Va.
Selby, William Elledge, Med. 1	Winston-Salem
Sellers, Earl Wesley, Arts-Educ. 1	Kings Mountain
Sembower, John Henry, Law 1	Charlotte
Serra, Henry Laurence, Arts 2	Long Island, N. Y.
Seymour, Lyman Haddon, Arts 3	Moncure
Shachtman, Joseph Morris, Sci. Med. 3	Greensboro
Shaffner, Emil Nathaniel, Arts 4	Winston-Salem
Shaner, Harvey Linden, Jr., Arts 4	Winston-Salem
Shannon, Charles John, Law 2	Camden, S. C.
Shapiro, Sidney Irving, Comm. 3	Spartanburg, S. C.
Sharpe, Adrian, Arts 1	Burlington
Sharpe, Paul Lucas, Arts-Educ. 2	Lenoir
Shaw, Irma, Arts-Educ. 3	Greensboro
Shearin, Jesse Edwin, Arts-Educ. 1	Littleton
Shedd, William Blake, Arts 3	Leonia, N. J.
Sheeder, Ethan Allen, Sci. Med. 2	State College, Penna.
Sheffield, Frank William, Phar. 1	Canton
Sheffield, James Harold, Comm. 4	Canton
Shelton, John Brockett, Arts-Educ. 1	Chadbourn
Shelton, John Craig, Comm. 4	Charlotte
Shelton, Thomas McKendre, Jr., Comm. 3	Charlotte
Shelton, Wallace Augustus, Arts-Educ. 4	Mount Airy
Shemwell, Everard Baxter, Arts-Jour. 2	Asheville
Shepard, Frank Armfield, Sci. Med. 3	Liberty
Shepard, George Edward, Special S.B. in Commerce, 1929	Wilmington
Shepherd, Giles Freemont, Jr., Arts 1	Burlington
Shepherd, William Vass, Arts-Laws 2	Raleigh
Sherfesee, Louis, Jr., Comm. 3	Greenville, S. C.
Sherrill, James Andrew, Arts 2	Catawba
Sherrill, John Little, Arts-Educ. 2	Arden
Sherrill, Junius Phelps, Comm. 3	Charlotte
Sherrill, Oscar Neill, Comm. 1	Catawba
Sherrill, William Aaron, Comm. 4	Granite Falls
Shevick, Isadore Myer, Premed. 1	Winston-Salem
Shields, James Duncan, Arts-Educ. 3	Carthage
Shinn, George Clyde, Med. 2	Georgeville
Shirlen, James Ray, Comm. 4	Swannanoa
Shlefstein, Israel Harry Lish, Sci. Med. 2	Asheville
Shoemaker, Donald Cleavenger, Arts 1	Middletown, O.
Shore, Burrel John, Jr., Arts 1	Charlotte
Shore, Elton Byron, Arts 4	Pleasant Garden
Shore, John Sherman, Arts-Jour. 3	Yadkinville
Shpack, George, Arts 2	Irvington, N. J.
Shreve, Clyde Allison, Arts-Educ. 3	Reidsville

Shuford, Adrian Lafayette, Arts 2	Conover
Shuford, Harley Ferguson, Arts 1	Hickory
Shuford, James Alexander, Comm. 2	Lincolnton
Shuford, James Campbell, Jr., Mech. Engg. 1	Hickory
Shuford, John Ferdinand, Sci. Med. 1	Hickory
Shuford, Jacob Harrison, Premed. 2	Hickory
Shulenberger, William Arthur, Jr., Arts-Jour. 3	Charlotte
Sickles, Arthur de Loss, Comm. 4	Rochester, N. Y.
Sieder, Byron Augustus, Comm. 4	South Orange, N. J.
Siegel, Harry, Premed. 2	Brooklyn, N. Y.
Sikes, Charles Culpepper, Jr., Arts 4	Monroe
Silverman, Herbert Leon, Sci. Med. 1	Rocky Mount
Silverstein, Louis Morton, Arts 3	Brooklyn, N. Y.
Silverstein, Samuel Louis, Comm. 4	Rockingham
Simmons, Norwood Lee, Jr., Sci. Chem. 2	Washington
Simmons, William Ledford, Arts-Educ. 1	Chapel Hill
Simons, Jerome Benjamin, Com. 1	Charlotte
Sims, Chaille Percy, Comm. 1	Washington, D. C.
Singer, Bernard, Comm. 1	Brooklyn, N. Y.
Sisk, Robert Alonzo, Premed. 1	Danbury
Sisk, Wilfred Nixon, Arts 4	Rockingham
Sitterson, Joseph Carlyle, Arts 4	Kinston
Skaggs, Alma Stone, Special	Chapel Hill
Skeen, Leo Brown, Sci. Med. 4	Biscoe
Skinner, Abraham Carr, Comm. 2	Salisbury
Skinner, Louis Cherry, Arts-Laws 2	Greenville
Slate, Lester Hilliard, Sci. Med. 2	Spencer
Slate, Otis Theodore, Arts 2	Thomasville
Slater, Joseph Elvy, Elec. Engg. 2	New Bern
Slater, John Gary, Comm. 4	New Bern
Slaughter, Jesse Washington, Arts-Educ. 3	Roxboro
Sloan, Hugh Johnston, Jr., Mech. Engg. 1	Waynesville
Sloan, William Weimer, Comm. 1	Franklin
Sloop, John David, Comm. 2	Statesville
Sloop, William Martin, Arts 1	Crossnore
Slung, Lewis, Arts 1	Louisville, Ky.
Slusser, Frank Willard, Comm. 3	Blacksburg, Va.
Small, Harry Rochelle, Sci. Med. 2	Mulberry, Tenn.
Smiley, Stanley Woodard, Comm. 4	Fort Bragg
Smith, Alan Alexander, Arts 1	Asheville
Smith, Andrew Jackson, Arts-Jour. 3	Gastonia
Smith, Amaziah Parker, Sci. Med. 2	Goldsboro
Smith, Budd Elmon, Arts-Educ. 4	Benson
Smith, Benjamin Hawkins, Arts-Educ. 4	Cranford, N. J.
Smith, Claude Alexander, Arts-Educ. 4	Asheboro

Smith, Charles Wilson, Arts 2	Mulberry, Tenn.
Smith, Eleanor Cunningham, Arts 3	Newport News, Va.
Smith, Erskine Wakefield, Arts 1	Charlotte
Smith, Gregory Andrew, Law 3	Charlotte
Smith, John Franklin, Arts 2	Lexington
Smith, John Goodrich, Sci. Med. 3	Scotland Neck
Smith, James Harold, Comm. 2	Burlington
Smith, James Harold, Mech. Engg. 2	Charlotte
Smith, James Kenneth, Comm. 4	Chapel Hill
Smith, James Spotswood, Comm. 2	Capron, Va.
Smith, Paul Henry, Comm. 3	Liberty
Smith, Ruby Arden, Premed. 1	Princeton, W. Va.
Smith, Thomas Carlisle, Jr., Law 3 A.B., 1928	Asheville
Smith, Winslow Wilkings, Jr., Comm. 4	Charlotte
Snead, Alexander, Comm. 1	Raeford
Snell, Harold Johnson, Comm. 1	Belhaven
Snell, Linwood Howard, Sci. Med. 2	Columbia
Snider, Arnold Holmes, Arts 2	Salisbury
Snow, William Boylan, Jr., Arts 4	Asheville
Solomon, Bernard Straus, Comm. 1	Wilmington
Sowers, Lee P., Jr., Comm. 1	Hamptonville
Southard, Curtis Glenn, Med. 1	Stokesdale
Sowers, Philip, Comm. 4	Salisbury
Sparks, Paul Reed, Med. 1	Chapel Hill
Speight, James Cornelius, Comm. 2	Spring Hope
Speight, William Wesley, Law 1	Spring Hope
Spell, James Bryan, Arts 3	Red Springs
Spence, Union Lee, Jr., Civ. Engg. 1	Carthage
Spencer, Carroll Mann, Comm. 1	Statesville
Spencer, Carl Ogburn, Jr., Arts-Educ. 1	Spencer
Spencer, Thomas Booth, Sci. Med. 1	Charlotte
Spetaccino, Nicholas Joseph, Sci. Med. 3	Elmira, N. Y.
Spicer, Bernard Frederick, Arts 2	Stovall
Spigel, Julian Nathan, Sci. Med. 2	Spartanburg, S. C.
Spitzer, Lawrence Lippman, Arts 2	Yonkers, N. Y.
Spradlin, William Henry, Jr., Arts 2	Greensboro
Sprinkle, Karl, Arts 1	Fortress Monroe, Va.
Spruill, Edward Muse, Arts 1	Rocky Mount
Spruill, Frank Parker, Jr., Law 1	Rocky Mount
St. Clair, Duncan Murchison, Comm. 1	Sanford
Stafford, Crook Graham, Comm. 2	Charlotte
Stahr, Alden Joseph, Arts 3	South Orange, N. J.
Stallings, George Millard, Comm. 4	Selma
Stallings, James Oliver, Comm. 2	Selma
Stallings, John William, Jr., Comm. 3	Wilson

Stallings, Luby Frederick, Comm. 4	Selma
Stallings, William Robert, Comm. 2	Raleigh
Stamper, Guilbert Weaver, Arts 1	Greensboro
Stamps, Walker, Sci. Med. 1	Lumber Bridge
Stanley, James Alfred, Arts-Educ. 4	Warrensville
Stanley, Wade Hampton, Arts 2	Four Oaks
Staples, Ernest Williamson, Jr., Comm. 2	Greensboro
Starbuck, William Agurs, Law 1	Winston-Salem
Staton, Robert Harold, Arts 2	Bethel
Steere, James Esek, Comm. 2	Charlotte
Stein, Harry Binder, Arts 1	Fayetteville
Stein, Herbert Mansfield, Jr., Elec. Engg. 1	Spring Hill, Ala.
Stein, Joseph Bernard, Law 1	Fayetteville
Stein, Raymond Oscar, Arts 1	Fayetteville
Steinhauser, John Anton, Arts-Educ. 1	Brooklyn, N. Y.
Steinreich, Otto Seleck, Sci. Med. 1	Newark, N. J.
Sternberger, Solomon Bear, Law 1	Wilmington
Steward, Charlotte Anne O'Mara, Arts 4	New York, N. Y.
Steward, Luther Corwin, Jr., Comm. 4	Washington, D. C.
Stewart, Blaine Kellar, Jr., Comm. 3	Birmingham, Ala.
Stewart, Frances Ellen, Arts 3	Statesville
Stewart, Hubert Forbes, Elec. Engg. 1	Princess Anne, Md.
Stewart, John Henry, Arts-Educ. 4	Greensboro
Stewart, Thomas Roosevelt, Comm. 1	Liberty
Stikeleather, James Gudger, Jr., Comm. 1	Asheville
Still, John Taylor, Jr., Comm. 2	Durham
Stinson, Orvis Daniel, Civ. Engg. 4	Goldston
Stokes, Jack Wilson, Comm. 1	Wilson
Stone, George Goodson, Sci. Med. 2	Greensboro
Stone, Marion Foy, Comm. 2	Wilmington
Stone, Robert Edward, Med. 2	Greensboro
Story, Paul Jackson, Law 2 A.B., 1924, Davidson Col.	Marion
Stovall, Robert Glenn, Arts-Educ. 3	Virgilina, Va.
Strauss, Joseph Raymond, Sci. Med. 3	New York, N. Y.
Strawn, James Ray, Comm. 1	Marshville
Strickland, Bernice Edward, Comm. 3	Middlesex
Strickland, Charles Brandon, Phar. 2	Stedman
Strickland, John Fletcher, Elec. Engg. 2	Dunn
Strickland, Mathew Emmett, Comm. 1	Rocky Mount
Strickland, William Laurence, Arts-Educ. 3	Stedman
Striegel, James Frederick, Premed. 1	North Tonawanda, N. Y.
Stringfellow, William Archie, Law 2 A.B., 1930	Asheville
Strowd, Fletcher Eugene, Arts-Educ. 3	Frosty
Stuart, Charles Kivett, Comm. 3	Jackson Springs
Stubbs, Allston Julius, Law 2	Durham

Stumpf, Warren Walter, Predent. 1	Flushing, N. Y.
Stutts, Clyde Livingston, Arts 1	Gibson
Sugg, Richard Lewis, Med. 1	Southern Pines
Sugg, William Archie, Comm. 4	Greenville
Sulkin, George Richard, Arts 4	Mattapan, Mass.
Sullivan, Henry Shumate, Comm. 1	Anderson, S. C.
Sullivan, Louis Gray, Comm. 1	Anderson, S. C.
Surprenant, Leonard Clement, Chem. Engg. 2	Springfield, Mass.
Suskin, Albert Irving, Arts-Educ. 4	New Bern
Suther, Joseph Allan, Sci. Chem. 2	Statesville
Sutton, Theodore King, Jr., Sci. Med. 2	Candor
Sutton, Walter Gregg, Comm. 4	Fayetteville
Swain, Everette Lloyd, Elec. Engg. 4	Walkertown
Swann, William Kirk, Premed. 1	Covington, Ga.
Swartz, Kenneth Wagner, Law 3	Dunmore, Penna.
Sykes, Bruce White, Arts-Educ. 1	Spring Hope
Sykes, Marvin Peyton, Arts 1	Castalia
Tabb, Shields William, Comm. 4	Wilmington
Taff, Luther Raymond, Arts-Educ. 2	Birmingham, Ala.
Taff, Melville Augustus, Jr., Sci. Med. 1	Stamford, Conn.
Talkowsky, Arthur, Sci. Med. 1	Newark, N. J.
Talley, Hugh Avent, Jr., Arts-Educ. 1	Jonesboro
Talley, John Tucker, Comm. 4	New Hill
Talmadge, Harry Erwin, Med. 2 A.B., 1928, Univ. of Ga.	Athens, Ga.
Tart, Rupert Graham, Sci. Med. 1	Dunn
Tate, Donnell, Elec. Engg. 1	Graham
Tatum, Jim Moore, Comm. 1	McColl, S. C.
Tatum, Marion Colyene, Arts 3	Raleigh
Taylor, Amos Hill, Sci. Chem. 3	Bell Buckle, Tenn.
Taylor, Charles Edward, Arts 3	Newburgh, N. Y.
Taylor, Charles Winfield, Arts 3	Rocky Mount
Taylor, Daniel Broome, Comm. 1	Goldsboro
Taylor, Henry Clay, Jr., Comm. 1	Louisburg
Taylor, Herbert Hamilton, Jr., Arts 3	Kinston
Taylor, Huber Topping, Law 1	Como
Taylor, Julien Knox, Jr., Comm. 2	Wilmington
Taylor, James Young, Comm. 3	Morganton
Taylor, Marvin Francis, Mech. Engg. 1	Sealevel
Taylor, Norward Travis, Phar. 1	Jackson
Taylor, Thomas Jefferson, Med. 1	Enfield
Taylor, Thomas Russel, Jr., Chem. Engg. 2	Asheville
Teachey, James Cifton, Jr., Comm. 3	Greensboro
Teachey, William Roosevelt, Arts-Educ. 2	Rose Hill
Teague, James Jackson, Comm. 1	Leicester
Teal, Fred Thomas, Arts-Educ. 1	Hoffman

Teele, Leonard Bennett, Comm. 1	Shelby
Teer, Thomas Walter, Arts-Music 2	Durham
Temple, James Petigrew, Jr., Arts-Educ. 1	Selma
Temple, Rufus Henry, Sci. Phar. 3	Kinston
Templeton, Charles Stephens, Arts-Educ. 1	China Grove
Tennant, William Dixon, Arts-Jour. 1	Rochester, N. Y.
Tenney, John Brooks, Arts-Educ. 2	Portsmouth, Va.
Tharpe, Otto D. Predent. 1	Moyock
Tharrington, Bruce Hight, Arts-Educ. 3	Louisburg
Thomas, Agnostis John, Mech. Engg. 2	Chapel Hill
Thomas, Bonner Gibbs, Elec. Engg. 1	Erwin
Thomas, Edward Frank, Chem. Engg. 4	Bainbridge, Ga.
Thomas, Fred Amick, Comm. 4	Ramseur
Thomas, Fred Chalmers, Comm. 4	Siler City
Thomas, Henry Carrison, Sci. Chem. 4	Charleston, S. C.
Thomas, James Lewis, Arts 3	Roxboro
Thomas, John Lewis, Comm. 4	Reidsville
Thomas, Marion Bruce, Arts 4	Talladega, Ala.
Thomas, Phillip Langston, Phar. 3	Erwin
Thomasson, Glenn Lafayette, Arts-Educ. 2	Bryson City
Thompson, Albert William, Predent. 1	Fuquay Springs
Thompson, Charles Page, Phar. 2	Swepsonville
Thompson, George Dewey, Elec. Engg. 4	Goldsboro
Thompson, George Ward, Comm. 3	Elizabeth City
Thompson, Henry Span, Arts 1	Parkton
Thompson, Jack, Comm. 2	Winston-Salem
Thompson, James Boylan, Comm. 2	Raleigh
Thompson, Joseph E., Elec. Engg. 1	Morven
Thompson, John Melvin, Jr., Arts 1	Mebane
Thompson, Kern Lee, Arts 2	Burlington
Thompson, Lonnie Knox, Jr., Chem. Engg. 1	Greensboro
Thompson, Lloyd Ogburn, Arts 1	Greensboro
Thompson, Marshall Waddy, Jr., Arts 1	Flushing, N. Y.
Thompson, Neill Archie, Sci. Med. 3	Lumberton
Thompson, Paul Meredith, Premed. 2	Mt. Vernon, N. Y.
Thompson, William Alexander, Jr., Comm. 1	Aurora
Thompson, William Cannon, Comm. 4	Rosemary
Thomson, William Sydnor, Arts 4	Atlanta, Ga.
Thornberg, Walter Monroe, Elec. Engg. 1	Timberland
Thornton, John, Med. 1	Greensboro
Thurston, Doc Jones, Jr., Elec. Engg. 3	Clayton
Tilford, Paul Potter, Comm. 2	Smiths Basin, N. Y.
Tillery, Jack Gregory, Arts 1	Halifax
Tillery, Paul Allen, Comm. 3	Raleigh
Tilley, Adolphus William, Elec. Engg. 2	Bahama
Timberlake, Stephen Davis, Comm. 3	Staunton, Va.

Timmons, Morris Massey, Civ. Engg. 2	Chapel Hill
Tingle, William Edmund, Arts-Educ. 4	Arapahoe
Tinkham, Mark Felton, Arts-Educ. 3	Eure
Tish, Allen Kenneth, Comm. 1	Americus, Ga.
Tobin, Joseph Michael, Comm. 1	Flushing, N. Y.
Todd, Calvin Grier, Comm. 3	Belton, S. C.
Todd, Calvin Luther, Comm. 3	Pensacola, Fla.
Todd, Laurence Houston, Arts-Educ. 4	Yadkinville
Toler, Vern William, Arts-Educ. 2	Blounts Creek
Tomlinson, James Rousseau, Comm. 4	North Wilkesboro
Tomlinson, William Seebohm, Comm. 3	North Wilkesboro
Toole, Arthur Fulkerson, Sci. Med. 2	Asheville
Totten, Addie Williams, Arts-Educ. 4	Chapel Hill
Townsend, Newman Alexander, Jr., Arts 1	Charlotte
Trachtenberg, William, Arts 1	Winston-Salem
Trakas, Vaseleos Andrew, Comm. 1	Gastonia
Trantham, Ray R., Arts-Educ. 1	Forest City
Travis, William Bomar, Premed. 1	Covington, Ga.
Treverton, William Montgomery, Premed.-Spec.	Marion
Triess, William Adolph, Comm. 4	Nutley, N. J.
Triplett, Homer Corbin, Arts-Educ. 3	Maple Springs
Trott, Graham Foard, Comm. 3	Wilmington
Trotter, Jack, Arts 1	Greensboro
Trotter, William Lee, Comm. 2	Greensboro
Trull, George Irvine, Arts 3	Elizabeth, N. J.
Tsumas, Harry Peter, Civ. Engg. 3	Statesville
Tucker, Carl Millon, Jr., Comm. 3	Pageland, S. C.
Tucker, Irvin Burchard, Jr., Arts 1	Whiteville
Turner, Clinton Lanford, Arts-Educ. 2	Chesnee, S. C.
Turner, Mariaddie, Arts 4	Statesville
Turner, Selby Lawrence, Arts-Educ. 1	Pink Hill
Turner, Virginia Robinson, Arts 4	Weldon
Tyree, Lemuel Preston, Jr., Comm. 1	Winston-Salem
Tyson, James Page, Arts-Jour., Spec.	Mebane
Umana, Humberto Julio, Premed. 1	Wilson
Umstead, Eugene David, Jr., Comm. 4	Stem
Umstead, Edwin Victor, Sci. Chem. 3	Stem
Umstead, Oscar Logan, Phar. 3	Stem
Underwood, Neal Alexander, Arts 2	Sanford
Underwood, Ruth, Arts-Educ. 4	Greensboro
Upchurch, Malcolm Thurston, Phar. 2	Apex
Upshaw, Sage Hardin, Comm. 3	Raleigh
Urband, Abraham, Sci. Chem. 2	Winston-Salem
Usher, Peter Clyde, Sci. Chem. 3	Chapel Hill
Usry, Sidney Harmon, Elec. Engg. 1	Chapel Hill

Uzzell, Thomas Albert, Jr., Law 3	Greensboro
Uzzell, William Egbert, Comm. 3	Louisburg
Valk, Arthur deTalma, Arts 2	Winston-Salem
Vance, Shelby William, Med. 2	Pineola
A.B., 1928, Davidson Col.	
Van Echop, George Louis, Jr., Comm. 3	Charlotte
Van Hoy, George McKinley, Arts-Educ. 2	Piney Creek
Vann, Edward Mathews, Comm. 2	Rocky Mount
Vann, James Wessell, Arts-Educ. 4	Salemburg
Van Sant, Fred Russell, Comm. 1	Sanford
Vaughan, Evan James, Arts-Educ. 4	Rocky Mount
Vaughan, John Southgate, Comm. 4	Woodland
Vaughan, Walter Weddle, Med. 2	Elm City
A.B., 1929	
Veasey, James Arthur, Elec. Engg. 1	Timberland
Verburg, Paul Leonard, Civ. Engg. 2	Flushing, N. Y.
Vernon, Robert Lays, Arts 1	Mayodan
Vick, George Davis, Jr., Arts 2	Selma
Vinson, Albert Samuel, Jr., Sci. Med. 2	Pikeville
Vinson, Herman, Comm. 3	Autreyville
Vitz, Howard Engeles, Sci. Geol. 1	Toledo, Ohio
Waddill, Edmund Law, Comm. 4	Henderson
Wadsworth, James Edgar, Arts-Educ. 1	Wilmington
Wadsworth, John Golden, Civ. Engg. 4	Williamston
Wagner, William Howard, Sci. Chem. 1	Middlesex
Wagstaff, Mary Frances, Arts 3	Chapel Hill
Waldo, Robert Hendren, Arts 1	Tarboro
Walens, Samuel David, Comm. 1	Waterbury, Conn.
Walker, Alice Evan, Arts-Educ. 3	Willoughby Beach, Va.
Walker, Albert Sidney, Arts-Educ. 3	Asheboro
Walker, Erwin Goode, Comm. 2	Charlotte
Walker, Thomas Henry, Elec. Engg. 2	Chapel Hill
Walker, William Woodard, Comm. 2	Asheville
Wall, Carl Herman, Comm. 2	Morganton
Wall, Edwin Craig, Comm. 3	Lilesville
Wall, Guy LeRoy, Arts-Educ. 1	Tobaccoville
Wall, John Edgar, Jr., Arts 3	Benson
Wall, James Graham, Arts-Educ. 3	Benson
Wall, John Robertson, Arts 1	Asheville
Wall, Mary Louise, Comm., Spec.	Greensboro
Wall, William Rae, Arts-Educ. 4	Tobaccoville
Wall, William Stanley, Med. 2	Enfield
A.B., 1929	
Wallace, John, Comm. 2	Pocahontas, Va.
Wallin, William Clark, Chem. Engg. 2	Raleigh
Walston, Frank Leslie, Arts 4	Walstonburg
Wandeck, William Roy, Med. 2	Chapel Hill

Wanderman, Irvin Leo, Comm. 2	New York, N. Y.
Ward, Bernard Rudolph, Phar. 3	Fairmont
Ward, Clement Manly, Jr., Arts 1	Cerro Gordo
Ward, Donald Blow, Arts 1	Smithfield
Ward, David Jackson, Law 1	Weldon
A.B., 1930	
Ward, Horace Griffin, Arts 3	Rose Hill
Ward, James Benjamin, Sci. Geol. 1	Cerro Gordo
Ward, James Waters, Comm. 1	Kinston
Ward, Richard Quillen, Sci. Med. 1	Battleboro
Ward, Sarah Elizabeth, Arts-Educ. 4	Conway, S. C.
Ward, Vernon Albert, Jr., Arts 2	Robersonville
Wardlaw, Charles Digby, Jr., Arts-Laws 3	Plainfield, N. J.
Wardlaw, Frederick Colman, Comm. 3	Plainfield, N. J.
Wardlaw, John Waller, Comm. 4	Plainfield, N. J.
Warren, Ertie Boyd, Arts-Educ. 3	Littleton
Warren, Hubert Tucker, Arts-Educ. 2	Greenville
Warren, John McCullen, Arts 4	Durham
Wariner, William Burwood, Premed. 1	Farmville, Va.
Warshauer, Samuel Edward, Arts 2	Wilmington
Wasserman, Jesse Lloyd, Comm. 2	Far Rockaway, N. Y.
Waterhouse, George, Arts 3	Beaufort
Waters, Herman Lewis, Comm. 1	Rocky Mount
Watkins, Alston Stoddard, Comm. 4	Durham
Watkins, James Craig, Arts-Educ. 3	Cliffside
Watkins, Thomas Henry, Arts-Laws 2	Jackson, Miss.
Watson, Frank Green, Comm. 1	Rocky Mount
Watson, Louis Wallace, Sci. Med. 1	Atlantic City, N. J.
Watson, Thomas Speight, Sci. Chem. 2	Rocky Mount
Waugh, Donald Byers, Predent. 3	Pelham, N. Y.
Way, John Edward, Arts 1	Beaufort
Way, Roger Atkinson, Med. 1	Raleigh
A.B., 1930, Univ. of the South	
Way, Samuel Eason, Med. 2	Beaufort
A.B. in Educ., 1929	
Weathers, John Seabron, Arts-Educ. 4	Ocala, Fla.
Weathers, Ray Elam, Arts-Educ. 1	Shelby
Weathers, Virgil Stone, Arts-Educ. 1	Shelby
Weaver, George Baucom, Arts 2	Raeford
Weaver, John Alton, Phar. 3	Olin
Weaver, James Ralph, Jr., Arts-Educ. 3	Chapel Hill
Webb, Alexander, Jr., Arts 1	Raleigh
Webb, Elizabeth Drane, Arts 3	Hillsboro
Webb, Eugene Lee, Jr., Comm. 2	Thomasville
Webb, Henry Bond, Arts 4	Hillsboro
Webb, Mandeville Alexander, Arts 3	Asheville
Webb, Thomas, Comm. 1	Fayetteville

Webb, Thomas Norfleet, Arts 3	Hillsboro
Webster, William Oscar, Jr., Civ. Engg. 1	Columbus, Ga.
Weeks, Clarence Johnson, Arts 4	Whitaker
Weeks, Orin Haywood, Arts-Laws 3	Swansboro
Weeks, Thomas White, Comm. 3	Elizabeth City
Weil, Lionel Solomon, Comm. 3	Goldsboro
Weil, Paul Gregory, Med. 2 A.B., 1929.	Niagara Falls, N. Y.
Weiland, Henry Jacob, Jr., Sci. Chem. 2	Greensboro
Weinberg, Arthur Howard, Arts 1	Newark, N. J.
Weiner, Daniel, Arts 1	Grove Hall, Mass.
Weinstein, Morton, Sci. Med. 2	Fairmont
Weinstein, Mayer David, Comm. 2	Reidsville
Weinstein, Rayford Lee, Sci. Med. 3	Fairmont
Weisker, Alexander, Comm. 1	Bridgeport, Conn.
Welch, John Tunstall, Arts-Educ. 1	Warrenton
Welch, Robert Festus, Comm. 4	Bushnell
Wells, Eugene Ernest, Comm. 4	Greenville, S. C.
Wells, Norman Eugene, Comm. 2	Mount Holly
Wells, Reeves Herman, Arts-Educ. 3	Leicester
Wells, Robert Rodney, Arts-Educ. 1	Henrietta
Wertz, Vance Grazier, Comm. 2	Tyrone, Penna.
West, Clarence Russell, Arts 3	Blairsville, Penna.
West, George Edison, Arts-Educ. 3	Grassy Creek
Westall, Buford Scott, Arts-Educ. 3	East Flat Rock
Westbrook, Aldon Leonard, Comm. 1	Bentonville
Wharton, Albert Clinton, Jr., Mech. Engg. 1	Winston-Salem
Wharton, Charles Watson, Arts 4	Smithfield
Wheary, Kermit, Arts-Jour. 4	Crewe, Va.
Wheatley, James Ralen, Arts-Educ. 3	Beaufort
Wheaton, Katharine Dale, Arts-Music 3	Ogdensburg, N. Y.
Wheaton, Ruth Elaine, Arts-Music 3	Ogdensburg, N. Y.
Whedbee, Charles Harry, Law 1	Greenville
Whedbee, Jocelyn Elizabeth, Arts 3	Hertford
Wheeler, Edward Earle, Jr., Comm. 1	Asheville
Wheeless, George Ventrus, Arts 1	Nashville
Whisnant, Howard Preston, Arts-Educ. 4	Belmont
Whitaker, James Allen, Med. 2	Zebulon
Whitaker, Roy Gilbert, Arts-Educ. 3	Chapel Hill
Whitaker, Richard Harper, Med. 1	Oak Ridge
Whitaker, Starlin Castles, Special	Black Mountain
White, Charles Hasford, Jr., Comm. 4	Elizabethton, Tenn.
White, Chalmers Lindley, Jr., Civ. Engg. 3	Concord
White, Howard Vernon, Predent. 1	Townsville
White, John Sumner, Jr., Comm. 2	Waban, Mass.
White, Kenneth Thomas, Comm. 2	Louisburg
White, Rankin Jones, Civ. Engg. 4	Omaha, Tex.

White, Stephen Alexander, V, Arts 3 — Mebane
White, Thomas Livingston, Arts-Educ. 3 — Murfreesboro
White, Thomas Skinner, Jr., Comm. 2 — Hertford
White, William Luther, Arts 2 — Raleigh
White, William Wallace, Jr., Arts 3 — Salisbury
Whitehead, Burgess Urquhart, Arts 4 — Woodville
Whitehead, Lewis Willard, Sci. Med. 2 — Woodville
Whiteley, Iley Chester, Sci. Med. 2 — Morganton
Whitener, Harry Kenneth, Arts 1 — Martinsville, Va.
Whitener, Robert Vance, Elec. Engg. 4 — High Point
Whitley, Asa Leary, Comm. 1 — Enfield
Whitley, Dowd Philip, Sci. Med. 3 — Monroe
Whitley, Thomas Harrison, Arts 1 — Burlington
Whitsett, William Thornton, Jr., Arts-Educ. 3 — Whitsett
Whittenton, William Ransom, Arts-Educ. 4 — Benson
Whittington, Robert Jerome, Jr., Comm. 3 — Greensboro
Whitton, John Winchester, Civ. Engg. 1 — Charlotte
Wiggins, Noland Elvin, Comm. 3 — Dudley
Wiggs, John Hayden, Comm. 1 — Selma
Wilburn, Thomas Graham, Comm. 4 — Lillington
Wilder, Carlton Edwards, Arts 2 — Greensboro
Wilder, Lynn, Jr., Comm. 3 — Raleigh
Wilder, Virginia Welles, Arts-Educ. 3 — North Holston, Va.
Wilds, Catherine Thomas, Arts 4 — Chattanooga, Tenn.
Wilkins, Elmer Vernon, Comm. 2 — Smithfield
Wilkins, Joseph Monroe, Comm. 2 — Sanford
Wilkins, Robert Wallace, Med. 2 — Greensboro
A.B., 1928
Wilkinson, John Archbell, Arts-Laws 3 — Pantego
Wilkinson, Linwood Cadwell, Jr., Comm. 1 — Kenly
Willard, Peary Columbus, Sci. Med. 1 — Liberty
Willey, Harry Swain, Predent. 1 — Kearny, N. J.
Williams, Abraham Saul, Sci. Med. 1 — College Point, N. Y.
Williams, Buxton Barker, Arts 2 — Warrenton
Williams, Billie Lee, Elec. Engg. 1 — Mebane
Williams, Francis Dudley, Arts 2 — Asheville
Williams, James Allen, Law 3 — Hendersonville
Williams, Joseph Carlyle, Arts-Educ. 4 — Linden
Williams, James Leonard, Comm. 1 — Goldsboro
Williams, John Nuckolls, Arts-Educ. 3 — Jonesville, S. C.
Williams, James Russell, Jr., Arts 2 — Pinopolis, S. C.
Williams, Joe Redmon, Arts-Educ. 4 — Yadkinville
Williams, John Sharpe, Comm. 3 — Lewisville
Williams, John Watkins, Sci. Med. 2 — Washington
Williams, Lafayette, Arts-Educ. 1 — Yadkinville

Williams, Ruth Ellen, Arts-Educ. 4	Morven
Williams, Rhoderick Thomas, Comm. 1	Greenville
Williams, Zebulon Vance, Comm. 1	Lewisville
Williamson, Albin Creo, Elec. Engg. 1	Hobucken
Williamson, Colie Vernon, Arts-Educ. 4	Hobucken
Williford, John Robert, Arts 2	Aulander
Willis, Emmett Clive, Arts 2	Southmont
Willis, Meade Homer, Jr., Arts 4	Winston-Salem
Wilmer, Francis Helman, Comm. 1	Conshohocken, Penna.
Wilpan, Charles Lionel, Arts 2	Washington, D. C.
Wilson, Gordon Davie, Chem. Engg. 1	Winston-Salem
Wilson, George Norman, Civ. Engg. 1	Charlotte
Wilson, George Wood, Jr., Arts 2	Charlotte
Wilson, Hilliard Baxley, Premed. 3	Lenoir
Wilson, Hugh MeLean, Arts 2	Haverford, Penna.
Wilson, Joseph Townsend, Jr., Arts 2	Pitman, N. J.
Wilson, Kenneth Stauber, Arts 2	Asheville
Wilson, Paul Wilson, Sci. Med. 2	Lattimore
Wilson, Paris Franklin, Arts 2	Fallston
Wilson, Robert Edmund, Arts 1	Charlotte
Wilson, Robert Holroyd, Arts-Educ. 2	Ramseur
Wilson, Walter Howard, Arts 2	Greenville
Wilson, Weaver V., Jr., Arts 1	Asheville
Wily, Eugene Morehead, Arts, Spec.	Durham
Wimbish, Howard Simpson, Jr., Comm. 3	Greensboro
Winburn, Bess Jones, Spec.	Midville, Ga.
Winecoff, George Miller, Civ. Engg. 2	Albemarle
Winig, Benjamin Gerald, Sci. Med. 2	Waterbury, Conn.
Winslow, Park McMaster, Arts 2	New York, N. Y.
Winslow, Richard Lemuel, Arts 1	New York, N. Y.
Winstead, Carl Coaltrain, Comm. 2	Roxboro
Winstead, Jordan David, Jr., Comm. 2	Rocky Mount
Winstead, Sam Byrd, Arts 3	Roxboro
Winston, George Tayloe, Civ. Engg. 4	Chapel Hill
Winston, Keeve, Civ. Engg. 1	Philadelphia, Penna.
Wiseman, Eva Antoinette, Arts 3	Spencer
Wishnefsky, Edward, Sci. Med. 1	Brooklyn, N. Y.
Withers, Mary Laurens, Arts-Educ. 3	Raleigh
Withers, William Alphonso, Arts 3	Raleigh
Withers, Walter Barron, Comm. 1	Charlotte
Withrow, Charles Kenyon, Arts 1	Hollis
Witkin, Benjamin, Comm. 2	Norwich, Conn.
Witten, Morris Arthur, Comm. 1	Greensboro
Woerner, William Robert, Arts 1	Richmond, Va.
Wolf, Morris, Arts 4	Brooklyn, N. Y.
Wolfe, Jerome J., Chem. Engg. 1	Pittsburgh, Penna.

Wolk, Sylvia, Arts-Educ. 4	Wilmington
Wolke, Frederick Gerard, Arts-Educ. 1	Weehawken, N. J.
Womble, Joseph Guye, Arts 4	Forest City
Womble, John Lonnie, Jr., Arts 1	Moncure
Wood, Dudley Hubert, Arts 3	Phenix City, Ala.
Wood, Donald Leigh, Arts-Educ. 4	Kinston
Wood, Edward Jenner, Arts 4	Wilmington
Wood, Henry, III, Arts 2	Asheville
Wood, James Cullen, Comm. 4	Apex
Wood, Richard Davis, Jr., Arts 3	Philadelphia, Penna.
Wood, William R., Comm. 1	Asheville
Woodard, Barney Lelan, Med. 2	Kenly
Woodard, John Vernon, Phar. 1	Princeton
Woodard, Locke Craig, Arts-Educ. 1	Bryson City
Woodard, Marvin Erastus, Comm. 4	Goldsboro
Woodard, Wayne Owen, Arts-Educ. 3	Bryson City
Woodley, Buick Wade, Comm. 3	Ellerbe
Woodley, James Lamar, Comm. 1	Ellerbe
Woodson, Horatio Nelson, Law 2	Salisbury
A.B., 1929.	
Woollen, Charles Thomas, Jr., Comm. 1	Chapel Hill
Worrall, Tom McVicker, Arts 2	Asheville
Worsley, Guilford Carson, Elec. Engg. 2	Rocky Mount
Worth, Hal Venable, Jr., Comm. 4	Raleigh
Worth, Thomas Clarkson, Arts 2	Raleigh
Wray, Rush Tracy, Arts 1	Burnsville
Wren, William Abbot, Chem. Engg. 1	Charleston, W. Va.
Wright, Clem Alson, Comm. 1	Snow Camp
Wright, George Prince, Comm. 2	Saint Pauls
Wright, Joseph Mills, Law 3	Shelby
A.B. in Educ., 1927	
Wright, Kenneth Osgood, Comm. 2	Peabody, Mass.
Wright, Lenoir Chambers, Comm. 2	Charlotte
Wright, Thomas Hasell, Jr., Premed. 2	Charlotte
Wyche, Ernest Hughes, Sci. Chem. 4	Guilford College
Wyrick, Charles Lloyd, Arts-Educ. 3	Greensboro
Wyrick, Samuel Turner, Jr., Comm. 1	Greensboro
Yancey, Florence Carson, Arts 3	Marion
Yancey, Sam Motz, Arts 3	Marion
Yarborough, Edward Foster, Arts 3	Louisburg
Yarborough, Kemp Plummer, Arts 2	Louisburg
Yarborough, Richard Fenner, Arts 2	Louisburg
Yarborough, William Henry, Jr., Comm. 4	Louisburg
Yeomans, Alfred Henry, Civ. Engg. 2	Washington, D. C.
Yeomans, Edgar Dawson, Arts 4	Washington, D. C.
Yerton, Link Everett, Comm. 1	Concord
Yokley, John Hale, Arts 3	Mount Airy

Young, Grosser Matheson, Elec. Engg. 2	Rocky Mount
Young, Jefferson Banks, Comm. 2	Raleigh
Young, Osgood Jefferson, Comm. 3	Reynolds, Ga.
Young, Wilbur Hubbell, Jr., Arts 4	New York, N. Y.
Yount, Larry Coleman, Mech. Engg. 1	Reidsville
Zaglin, Joseph Goldberg, Arts-Laws 2	Fayetteville
Zappa, Francis Vincent, Arts-Educ. 4	Baltimore, Md.
Zazik, Isidore M., Sci. Med. 2	New York, N. Y.
Zelley, Henry Noel, Elec. Engg. 2	Roselle Park, N. J.
Zerbst, Walter Richard, Arts 1	Jackson Heights, N. Y.
Zimmerman, Harold William, Arts 1	New York, N. Y.
Zimmerman, John Oakley, Mech. Engg. 1	Lynchburg, Va.

STUDENTS IN LAW (SUMMER, 1930)

Abbott, Peyton Bryant, Jr. A.B., 1929	Winston-Salem
Adams, Junius Greene, Jr. A.B., 1929	Biltmore
Alexander, Naomi A.B., 1926	Charlotte
Armstrong, Lee Roy Wells A.B., 1926	Spencer
Beam, William Austin A.B., 1928	Shelby
Beggs, Elmore Dixie, Jr.	Pensacola, Fla.
Benton, Mills Scott A.B., 1929, Guilford Col.	Sunbury
Berman, Jonah Harry	Montgomery, Ala.
Berryhill, Thomas Oscar	Charlotte
Bryson, Moore	Asheville
Cain, Andrew Washington A.B., 1900, North Ga. Col.; A.M., 1913, Univ. of Penna.	Dahlonega, Ga.
Campbell, Hugh Brown A.B., 1929, Amherst Col.	Lakewood, Ohio
Carter, Edward Weaver S.B., 1926, Univ. of Penna.	Pitman, N. J.
Chadbourn, James Harmon A.B., 1926, The Citadel	Wilmington
Cole, George Lough	Fairmont, W. Va.
Covington, William Thomas, Jr. A.B., 1927, Davidson Col.	Raeford
Curlee, Edmund Lane S.B. in Comm., 1930	Burlington
Currie, Daniel Allan S.B., 1928, Davidson Col.	Fayetteville
Edwards, James Glenn A.B., 1928	Jonesboro
Eudy, John Clinton A.B., 1924, Newberry Col.	Cabarrus
Friedrichs, Howard Wharton S.B., 1926, Washington and Jefferson Col.	Wheeling, W. Va.
Futch, Jennis Wortley B.A., 1913, Yale Univ.	DeLand, Fla.
Glenn, Alfonso Greer A.B., 1925	Benson
Glick, Oscar Billy	Youngstown, Ohio
Gold, Thomas Jackson, Jr.	High Point
Graves, Calvin, Jr.	Mount Airy

Gray, Thomas Stephen, Jr. B.S.C., 1926, Univ. of Ga.	Athens, Ga.
Grimes, Charles O'Hagan A.B., 1930	Raleigh
Hill, Jacob Davis, Jr. A.B., 1924	Columbia, S. C.
Hinshaw, Clarence Preston A.B. in Educ., 1927	Raleigh
Hudson, Benjamin Bailey A.B., 1928	Benson
Humphrey, Earle Ambrose, Jr. S.B. in Comm., 1927	Goldsboro
Ingold, Winfred Lee A.B., 1917, Lenoir Rhyne Col.	Taylorsville
Javetz, Emanuel A.B., 1930, Univ. of Ga.	Savannah, Ga.
Jenkins, William Sumner A.B., 1924; A.M., 1925; Ph.D., 1927	Lincolnton
Johnson, William Wesley	Varina
Kahle, Melvin Wesley	Elm Grove, W. Va.
Kane, Max James B.A., 1927, Univ. of Iowa; J.D., 1930, *ibid.*	Iowa City, Iowa
Katcher, Monroe Irvine, II	Brooklyn, N. Y.
Katz, Andre Daniel A.B., 1929, Univ. of Ala.	Hattiesburg, Miss.
Kelly, Leonard William A.B., 1926	Yadkinville
Leak, Sadie Smith A.B., 1908, Flora Macdonald Prep. School	Rockingham
Lewis, John Baker A.B., 1929; LL.B., 1930	Farmville
Linn, James Birney	Needham, Mass.
Lord, Balfour Thorn A.B., 1926, Univ. of the South	Asheville
McGehee, George Badger A.B., 1927	Chapel Hill
McLennan, Dallace S.B. in Comm., 1926	Chapel Hill
Magner, James Edward	Philadelphia, Penna.
Marshall, David Miller A.B., 1928, Beloit Col.	Scottdale, Penna.
Marshall, William Leak, Jr. A.B., 1929	Wadesboro
Matheny, Wade Bostic B.A., 1928, Wake Forest Col.	Forest City
Maultsby, William DeVane A.B., 1926, Duke Univ.	Council
Morgan, Ernest West A.B. in Educ., 1928	Winfall
Parker, Francis Ogden	Goldsboro

Parker, Henry Bryce — Monroe
A.B., 1928
Parker, William Carey — Raleigh
A.B., 1930
Perkins, Edwin Marvin — Brevard
A.B., 1929
Pollard, Forrest Alfred — Durham
A.B., 1927
Pope, Clarence Hatcher — Rose Hill
A.B. in Educ., 1929
Powell, Henry Thurman — Henderson
A.B., 1928, Davidson Col.
Prescott, Marion Butler — Ayden
Roane, Henry — Winston-Salem
Rohlfing, Charles Carroll — Philadelphia, Penna.
B.S., 1923, Univ. of Penna.; A.M., 1925, *ibid.*; Ph.D., 1930, Univ. of Chicago.
Shannon, Charles John — Camden, S. C.
Sharpe, William David Pope, Jr. — Wilson
Sinclair, Henry McLean — Winter Haven, Fla.
Slingluff, Robert Lee, Jr. — Baltimore, Md.
A.B., 1929, Loyola Col. (Baltimore, Md.)
Smathers, Robert Hoyle — Canton
A.B., 1925, Duke Univ.
Smith, Thomas Carlisle, Jr. — Asheville
A.B., 1928
Story, Paul Jackson — Marion
A.B., 1924, Davidson Col.
Stoner, Paul Glenn — Southmont
Strader, Ludwell Abiam — Huntington, W. Va.
B.S., 1929, Hampden-Sydney Col.
Swink, Frederic Gilbert — Norfolk, Va.
A.B., 1930, Washington and Lee Univ.
Venters, Carl Vernon — Richlands
A.B., 1926
Williams, James Allen — Hendersonville
A.B., 1928
Wilson, Marvin Pickard — Chapel Hill
Woodson, Horatio Nelson — Salisbury
A.B., 1929
Wright, Joseph Mills — Shelby
A.B. in Educ., 1927
York, William Carson — Asheboro
Young, Malcolm McInnis — Asheville
A.B., 1926

NOTE: The figure 1 after a name indicates that the student attended the first term; the figure 2 that he attended the second term; and the figures 1, 2, that he attended both terms.

Aaron, Harold I., 1	Spencer
Abrahams, Sylvan, 1, 2	Brooklyn, N. Y.
Adams, Lillian Gertrude, 1	Holly Springs
Adams, May G., 1	Holly Springs
Adams, Thurston Ray, 1, 2	LaGrange
Adkins, Trogler Francis, 1, 2	Durham
Aiken, Marjorie, 1	Creedmoor
Ainsley, Raymond Melvin, 1, 2	Roper
Alcorn, Mabel Virginia, 2	Ruffin
Alcorn, Sadie, 2	Ruffin
Alderman, Bessie Keith, 1	Atkinson
Alexander, Clara, 1	Columbia
Alexander, James Moses, 1	Derita
Alexander, Penelope Browne, 1	Charlotte
Alford, George Haywood, 1, 2	Holly Springs
Allen, Burwell Algernon, 2	Weldon
Allison, Sara Violet, 1, 2	Kings Mountain
Allran, Eugenia Olivia, 2	Cherryville
Alston, Bessie Lee, 1	Henderson
Aman, Margaret Elizabeth, 1	Chapel Hill
Ambler, Anne Jaquelin, 1	Summerville, S. C.
Amick, Charles Burke, 1, 2	Burlington
Anderson, Ena Dell, 1	Timmonsville, S. C.
Anderson, Joseph Charles, 1, 2	Barnesboro, Pa.
Anderson, John Huske, Jr., 1, 2	Chapel Hill
Anderson, Mary Richmond, 1	Roanoke, Va.
Andrews, Claud Miller, 1	Tallahassee, Fla.
Andrews, John, 1, 2	Biltmore
Antley, Liller May, 1	Rock Hill, S. C.
Armstrong, Frances Louise, 1	Belmont
Armstrong, Charlotte Stuart, 2	Troy
Arnold, Broddie Duke, 1, 2	Fuquay Springs
Arnold, George Huron, 1, 2	Thomasville
Arthur, Billy, 1, 2	Charlotte
Arthur, Dollie, 2	Newport
Ashe, Flora House, 2	Wadesboro
Ashley, Jessamine D., 1	Fairmont
Ashmore, Miriam Lorayne, 1, 2	Chapel Hill
Askins, Emily Sara, 2	Lake City, S. C.
Atkinson, William Mayo, Jr., 1, 2	Wilmington
Atkinson, Mary Elizabeth, 1	Ft. Lauderdale, Fla.
Atwater, Blanche, 1	Chapel Hill
Atwell, Zelma Virginia, 1	Marion
Auman, Howard Frank, 1	Seagrove
Auman, Hazel Meryle, 1, 2	Seagrove
Austin, Louise, 1	Darlington, S. C.
Aycock, Edwin Burtis, 1	Fremont
Bagby, George Lewis, 1	Charlotte
Baggett, Miriam Allene, 1, 2	Lillington
Baker, Merritt Clarence, 1, 2	Buffalo, N. Y.
Baker, Otis Wallon, 1	Carthage
Balding, Cecil Leonard, 1, 2	New York, N. Y.

Baldwin, Annie Liles, 1, 2	Randleman
Baldwin, Jennie Myrtle, 1, 2	Laurens, S. C.
Baldwin, Mamie E., 1, 2	Clarkton
Ball, Sallie Hunter, 2	New Bern
Bane, Geneva Mae, 1, 2	Christiansburg, Va.
Bane, Josephine, 1, 2	Princeton, W. Va
Banks, Gertrude Lena, 1, 2	Charlotte
Banks, Veston Calbourne, 1, 2	Cove City
Barber, Frances Lucile, 1, 2	Asheville
Barber, Richard Neeley, 1	Waynesville
Barclay, Frank Hunt, 1	Pittsboro
Bardin, Susie Anne. 1, 2	Chadbourn
Bardin, Sye Lyell, 1	Chadbourn
Barefoot, Ada Terisa, 1	Dunn
Barefoot, Doris Lee, 1, 2	Wilson
Barham, Samuel A., 1, 2	Madison
Barker, J. R.	Burlington
Barkley, Minor, 1, 2	Statesville
Barnes, Carrie Irene, 1, 2	Gumberry
Barnes, Elizabeth Frances, 1	Linwood
Barnes, Maude Rhodes, 2	Raleigh
Barnes, Mildred Vashti, 2	Lumberton
Barnes, Rosie Olive, 2	Seaboard
Barnett, Catherine, 1, 2	Winston-Salem
Barnhardt, Charles Lewis, 1, 2	Oakboro
Barnhardt, James Leonard, 1, 2	Huntersville
Baroody, Theodore Alexander, 1, 2	Florence, S. C.
Barrett, Walter David, 1, 2	Robbinsville.
Barrow, Myrtle Grace, 1, 2	Snow Hill
Barton, Emma May, 2	Greensboro
Bateman, Ursula, 2	Columbia
Baucom, Clifford Randall, 1, 2	Marshville
Baugh, Ethel Irene, 2	Raleigh
Beakley, John Coleman, 1	Asheville
Beam, Lottie, 1	Shelby
Beam, Ruth Evelyn, 1	Shelby
Beaman, Johnny William, 1, 2	New Bern
Beasley, Sarah Carolyn, 1	Lamar, S. C.
Benn, Sara Turner, 2	College Place, S. C.
Bennett, Gulen Jenckes, 1	Cherryville
Bennett, Lillian Mae, 1	Winston-Salem
Bennett, Placid Burleigh, 1, 2	Chapel Hill
Benson, Mary Catherine, 1, 2	Benson
Benton, Eunice, 1	Chadbourn
Benton, George Ruffin, Jr., 2	Fremont
Berryhill, Ivy Elizabeth, 1	Ft. Lauderdale, Fla.
Best, Glenn Eben, 1, 2	Chapel Hill
Best, Hattie Harrell, 1	Wilmington
Best, Jessie, 1	Whiteville
Best, Lucius Pender, 1, 2	Warsaw
Bethune, Marvin Lester, 2	Bunnlevel
Betts, Robert Edward, 1, 2	Macon
Bevacqua, Attilio Emilio, 1, 2	Mt. Vernon, N. Y.
Bible, Reba Norman, 1	Jefferson City, Tenn.
Biggers, John Thomas, 1, 2	Matthews
Biggers, Pattie Lee, 1	Charlotte
Biggerstaff, Ann Lee, 1	Forest City

Biggs, Alex Graham, 1, 2	Winston-Salem
Biggs, William Archibald, Jr., 1	Rockingham
Bivens, Billy Faye, 1	Monroe
Bivens, Sadie Margaret, 1	Monroe
Black, Lulu Belle, 1	Mt. Holly
Black, Lillian R., 2	Manchester
Blackburn, Coral Reif, 1	Wilson
Blackburn, Willie Ruby, 1, 2	Ingold
Blackwell, Mary Owen, 1, 2	Alton, Va.
Blackwood, Jacob Curtis, 1, 2	Melvin Hill
Blackwood, Mattie E., 1	University
Blair, Stanley Redding, 1, 2	Trinity
Blake, Alice Berleen, 1, 2	Hope Mills
Blake, Barbara Amelia, 1	Arcadia, Fla.
Blake, Roy Baxter, 1, 2	Chapel Hill
Blakeney, Virginia Cole, 1	Monroe
Blalock, Naomi Claire, 1	Roxboro
Blanchard, Lottie Lee, 1, 2	Elizabeth City
Blanding, Margaret McFadden, 1	Sumter, S. C.
Block, Miriam, 1	Greensboro
Blueglass, George Warren, 1, 2	Brooklyn, N. Y.
Bond, Sallie James, 2	Rocky Mount
Boney, Eunice Juanita, 2	Smithfield
Booker, Mary Elizabeth, 1	Clayton
Boone, Edwin Theodore, 2	Lumberton
Booth, Alma Rose, 2	Cary
Boring, Elizabeth Sarah, 1	Chapel Hill
Borland, Mary, 1, 2	Hillsboro
Boseman, Winnie Donalson, 1, 2	Enfield
Bourdelot, George Patterson, 1, 2	Wagram
Bowen, Virginia Louise, 2	Durham
Bowers, Florence, 1	Washington
Bowie, Thomas Contee, Jr., 1	West Jefferson
Boyd, Charles Henry, 1, 2	Spray
Boyd, Mary Nell, 1	Wesson, Miss.
Boysworth, James Thomas, 1	Norwood
Bracken, Donald Reid, 1	New York, N. Y.
Bradley, Anne Elizabeth, 1	Scotland Neck
Bradshaw, Dorsey T., 1	Efland
Bradsher, Eugenia, 1, 2	Durham
Brady, Lucille Clara, 2	Moncure
Brady, Ollie Maie, 1	Greensboro
Brady, Samuel Vick, 1, 2	Smithfield
Bramlett, Lois, 1	Laurens, S. C.
Brantley, Isabelle, 1	Jacksonville, Fla.
Brantley, Ruth M., 1	Spring Hope
Brasington, Mary Evans, 1	Kershaw, S. C.
Braswell, Hettie Marie, 1	Enfield
Braswell, Justin Roosevelt, 1	Unionville
Braswell, Marcus Battle, 1, 2	Whitakers
Braswell, Aleene, 1	Wingate
Braswell, Theodore Gray, 1	Castalia
Bray, Nannie, 2	Camden
Breeden, Emily Patterson, 1	Bennettsville, S. C.
Brewer, M. Grayce, 1	Holly Springs
Bridger, Etta V., 1	Raleigh
Briley, Minnie Ree, 1	Polkton

Brittain, Carrie Lou, 2	Asheboro
Brittain, Mary Murriel, 2	Asheboro
Broadfoot, Margaret Strange, 1, 2	Fayetteville
Brock, Carrie May, 1	Creswell
Brock, Josie White, 1	Wilmington
Brodie, Benjamin Thorp, 1	Henderson
Brooks, Mrs. Cullen Paul, 1, 2	Chatham, Va.
Brooks, Hayes Allen, 1, 2	Falcon
Brooks, Louise Morning, 2	Pittsboro
Brown, Eugene Field, 1	Hillsboro
Brown, Elma H., 1	Pinetops
Brown, Frances Rebecca, 2	Reidsville
Brown, Frances Witherspoon, 1	Sumter, S. C.
Brown, Hazel Landreth, 1, 2	Statesville
Brown, Helen Margaret, 1	Chapel Hill
Brown, Mrs. Howard Ollie, 1, 2	Hillsboro
Brown, John Leonard, Jr., 1	Concord
Brown, K. R., 1	Chapel Hill
Brown, Theron Remfry, 1, 2	Greensboro
Brown, Wade Gillies, 1, 2	Flushing, N. Y.
Browne, Janet Murray, 1	Ahoskie
Browning, Mary Elizabeth, 1	Monroe
Bruce, Agnes Rosalie, 1	Columbia, S. C.
Brun, Jeanne Louise, 1	New Orleans, La.
Brunjes, John Henry, 1	Wilmington
Bryan, Mary Ledbetter, 1	Burgaw
Bryan, Rosalind Jarmon, 1	Wilson
Bryan, Susan Williams, 1	Oxford
Bryan, William Dempsey, Jr., 1, 2	Tarboro
Bryant, Earle Osgood, 1, 2	Clinton
Bryant, Florence, 1	Wallace
Bryant, Loy Young, 1, 2	Atlanta, Ga.
Buchanan, Maude, 1, 2	Columbia
Buckner, Clara, 2	Alexander
Buie, Mary Black, 1, 2	Jackson Springs
Bullard, Cecil Fisher, 1, 2	Fayetteville
Bullitt, Margaret Randolph, 1	Chapel Hill
Bullock, Helen Gertrude, 1, 2	Stem
Bullock, Viola Elliot, 1	Rocky Mount
Bunch, Fred Brenning, 1, 2	Statesville
Bunn, James Pettigrew, 1	Battleboro
Burke, Mary Virginia, 2	Mt. Airy
Burke, William L., 1	Burlington
Burkheimer, Lois Burt, 1	Wilmington
Burnett, Robert Tafford, 1, 2	Tryon
Burt, James Adams, 2	Biscoe
Burton, Emily Payn, 1	Upper Montclair, N. J.
Butler, Carmen Malet, 1, 2	Roseboro
Butts, Mary, 2	South Hill, Va.
Byers, Kathryn, 1	Hendersonville
Byers, Mary Evelyn, 2	Rock Hill, S. C.
Bynum, Mary Dell, 1, 2	Pittsboro
Byrd, Margaret Ruth, 1	Statesboro, Ga.
Byrd, Sudia, 1	LaGrange
Cain, Eunice Henrietta, 1	Sharon, S. C.
Cain, Rachel Wylie, 1	Sharon, S. C.
Caldwell, May Louise, 1	Hawkinsville, Ga.

Caldwell, Robert Sarratt, 1	Charlotte
Calhoun, Newton Sudderth, Jr., 1, 2	Winston-Salem
Cameron, Lottie Christian, 2	Jonesboro
Campbell, Cornelia Lillian, 2	Rutherford College
Campbell, Robert Clyde, 1, 2	Greenville, S. C.
Campbell, Roy Hill, 2	Parkton
Campen, Henrietta, 1	Mechanic
Canada, Margaret Adele, 1	Henderson
Cansler, Lucille Frances, 1	Kings Mountain
Carawan, Elizabeth, 2	Goldsboro
Carbine, William Lucius, Jr., 1	Chapel Hill
Carlisle, William Lytch, 1	Bennettsville, S. C.
Carlton, Mary Shuford, 1	Roxboro
Carpenter, Charlie Carroll, 1, 2	Crouse
Carpenter, Lula Belle, 1	Cherryville
Carpenter, Margaret Bess, 2	Landrum, S. C.
Carr, Margarette Lillian, 1	Burgaw
Carr, Willam Bryant, 1, 2	Hillsboro
Carter, Lola, 2	Marston
Carter, Miriam C., 1	Magnolia
Cassels, Agnes Clary, 1, 2	Charlotte
Cates, Claudia, 1	Chapel Hill
Catron, Elizabeth, 1, 2	Anondale Estates, Ga.
Caviness, Myrtle, 1	Stedman
Chace, Richard Amzen, 1	Fall River, Mass.
Chadwick, Inex Myrtle, 1	Gloucester
Chaffin, Rachel Frost, 1, 2	Calahalu
Chambers, Clara Beatrice, 1, 2	Stocksville
Chambers, Elliott Jerome, Jr., 1	Fairmont
Chambers, Elva Marie, 1	St. Joseph, Mo.
Champion, Frances Hawes, 1	Elberton, Ga.
Chaney, Margaret Lucile, 1	Wingate
Chapman, Sadie Maud, 2	Thomasville
Chappell, Mrs. Thad Cline, 2	Hertford
Chatfield, Esther, 1	Culloden, Ga.
Cheatham, Margaret Fleming, 1	Lynchburg, Va.
Cheek, Elizabeth Warwick, 1	Henderson
Cheek, Mabel Virginia, 1	Chapel Hill
Cheek, Nellie Rives, 1, 2	Chapel Hill
Chesnutt, Gladys Wells, 1	Turkey
Chesnutt, Lila Williams, 1	Turkey
Choate, Page, 1	Salisbury
Chowning, Montine Curtis, 1	Rison, Ark.
Chrisco, Howard Fentriss, 1, 2	Chapel Hill
Chrisco, Josie, 1, 2	Chapel Hill
Civils, Hervey Franklin, 1, 2	Cove City
Clapp, Eleanor, 1	Locust Valley, L. I.
Clark, Richard Elijah, 1, 2	Pittsboro
Clarke, Margaret Elizabeth, 1	Ansonville
Clarke, Myrtle Lita, 2	Mt. Airy
Cleveland, Alice Rebecca, 2	Columbia, S. C.
Clifton, Deems Hardy, 1, 2	Faison
Clodfelter, Clarence Lee, 1, 2	Thomasville
Coates, Rosalie, 2	Clayton
Cobb, Hazel Elizabeth, 2	Rosemary
Cobb, Linda Rhoda, 1	Elm City
Cockman, Grace, 2	Greensboro

Coffey, Christine Leroy, 2	Lewisburg, Tenn.
Coffield, Ben Davis, 2	Columbia
Coffman, Helen Wheat, 2	Tifton, Ga.
Cohen, Lee, 1, 2	Brooklyn, N. Y.
Cohen, Maurice Aaron, 1	Holyoke, Mass.
Cohen, Max Joseph, 1, 2	Brooklyn, N. Y.
Cole, Frank Adrian, Jr., 2	Weldon
Cole, Rosa Vella, 1	Hillsboro
Coleman, Glenn, 1	Woodward
Coleman, Louisa Bridgman, 2	Kenly
Colie, Lenora, 1, 2	Chapel Hill
Collins, Kate Drucilla, 1, 2	Wingate
Colson, Mary Charlotte, 1	Mooresville
Comer, Julia Elizabeth, 2	Dobson
Comer, John Woltz, 1, 2	Dobson
Connelly, Eloise, 2	Godwin
Connolly, Jack Calhoun, 2	Taylorsville
Cook, Alice, 1	Calypso
Cook, Bernice Blackwell, 1, 2	La Crouse, Va.
Cook, Bertha May, 1	Fayetteville
Cook, Corinne, 1	Greensboro
Cooke, Quinton Edwin, 1	Rich Square
Coon, Mary Moore, 1	Wilson
Cooper, John Phil, 1, 2	Raleigh
Cooper, William, 1	Oxford
Copeland, Ila Mae, 1, 2	Apex
Coppedge Hattie Frances, 1, 2	Spring Hope
Corbett, Mary Ellen, 1	Currie
Corbin, Irene, 1	Roanoke, Va.
Cornwell, George Thomas, 2	Lawndale
Couch, Joseph Herbert, 1, 2	Chapel Hill
Coward, Evelyn Royall, 1, 2	Cullowhee
Cox, Catherine, 2	Clarkton
Cox, Carolyn Clarice, 1	Snead's Ferry
Cox, Emma Jean, 1, 2	Monroe
Cox, Ida Lee, 1, 2	Richlands
Cox, Mary Cornelia, 1, 2	Raeford
Cox, Rosa Nell, 1	Raeford
Craddock, Jazel Marie, 1	Creswell
Craig, Elsa Snowden, 1, 2	Chapel Hill
Craig, Jean Hicklin, 2	Charlotte
Crane, Frank Latham, 1, 2	Waxhaw
Crawford, Estelle, 1	Williamston
Crawford, George William, 1, 2	Statesvile
Crawford, Mabel, 1	Bennettsville, S. C.
Crawford, Virginia Kluttz, 1	Goldsboro
Crawley, Mildred Gibbs, 1	Raeford
Crawley, Runette, 1, 2	Fayetteville
Creech, Thelma, 1	Benson
Creekmore, Lucile Powell, 1	Whiteville
Crenshaw, Annie Lou, 1	Monroe
Crenshaw, Mildred Henrietta, 1	Monroe
Cress, Ruth Regina, 1	Monroe
Crisfield, Lillian Beatrice, 1, 2	Charlotte
Crisp, Cinnye, 1, 2	Pinetops
Crisp, Mrs. J. Dorsey, 1	Tarboro
Crissman, Mrs. Curtis, 1	Red Oak

Cook, Vernon Baldwin, 1	Concord
Croom, John Harold, 2	Fayetteville
Crum, Charles Frederick, 1, 2	Gatum, Canal Zone
Crump, Cornelia Harriette, 1	Polkton
Crumpler, Mae Estelle, 1, 2	Fayetteville
Cubbage, Saylor Casper, 1, 2	Mt. Airy
Culbreth, Walter Hartwell, 1	Raeford
Cullom, Erenetine, 1, 2	Dunn
Culpepper, Clay, 1	Greenville, Ga.
Cummings, Frank Russell, 1, 2	Rocky Mount
Currie, Eunice Catherine, 1	Raeford
Currie, Katherine Gladys, 1, 2	Fayetteville
Currie, Marion Lacy, 1	Fayetteville
Curtis, Marion Makepeace, 2	Greensboro
Cutler, Cora Lorena, 2	Washington
Daddone, Oldwen, 1	New Rochelle, N. Y.
Dailey, Alma Randall, 1	Pittsboro
Dalrymple, Annie Lois, 1	Jonesboro
Dalton, Charles Claxton, 1	Forest City
Daniel, Adrian Nathan, 1, 2	Wilson
Daniel, Harriet Lane, 1, 2	Clearwater, Fla.
Daniel, Oscar Carroll, 1	Oriental
Darden, Antoinette Carr, 1	Como
Darden, Benjamin Augustus, 1, 2	Fayetteville
Darnell, Mrs. I. D., 1	Durham
Daughtridge, Ulyss, 1, 2	Rocky Mount
Davenport, Mary Kirby, 1	Creswell
Davis, Alma, 1	Burgaw
Davis, Bernice, 2	Davis
Davis, Evelyn, 2	Davis
Davis, Ethel May, 1	Mt. Olive
Davis, Etta Mae, 1, 2	Whiteville
Davis, Goldie Mae, 1	Lumberton
Davis, Inez, 2	Davis
Davis, Janie Lang, 2	Farmville
Davis, Leland Jackson, 1	Davis
Davis, Mary Ruby, 1, 2	Waynesville
Davis, Nellie Fisher, 1, 2	Mebane
Davis, Ralph Watson, 1	Harmony
Davis, Willie Estelle, 2	High Point
Dawson, James Baxter, Jr., 1	New Bern
Deaton, Madge, 1	Kernersville
Deaton, Sara G., 1	Kernersville
DeBerry, Lura Mebane, 1	Chapel Hill
Deese, Gaston Lee, 1, 2	Monroe
Deese, Robert Clinton, 1, 2	Lumberton
Deiso, Alfred Joseph, 1, 2	Mt. Vernon, N. Y.
DeLaney, Eugenia Fearrington, 2	Matthews
DeLaney, Martha McGill, 1, 2	Charlotte
Dellinger, Ruth, 1, 2	Cherryville
Denny, Lyndal Harriett, 1	Burlington
Dent, Suzanne Tarpley, 1	Lockhart, S. C.
DeVane, James Stuart, 1	Elizabethtown
Dickinson, John Lovewell, 1	Pasadena, Cal.
Dickson, Albert Joseph, 2	Calypso
Dickson, Glenn Simmons, 1, 2	West Jefferson
Dickson, Robanna Griggs, 2	Calypso

Dixon, Louise, 1	Elm City
Dixon, Max Rubert, 1, 2	Shelby
Doering, Florence Azella, 1	Boston, Mass.
Doggett, Felix Gladstone, 1	Brown Summit
Donnelly, Paul William, 1	Trade, Tenn.
Dorrity, Mary Jane, 2	Calypso
Dougherty, John Henry, 1	Asheville
Doughtie, Jerry Whitsett, 1	Columbus, Ga.
Doughtie, Richard Thaddeus, Jr., 1	Helena, Ark.
Douglas, Virginia Adams, 1	Greensboro
Douglass, Andrew Elliott, 2	Brandon, Vt.
Douglass, Margaret Elizabeth, 1, 2	Mt. Ulla
Dowdell, Susan, 2	Wimauma, Fla.
Dowling, Elizabeth Louise, 2	Augusta, Ga.
Dowling, Mary Elizabeth, 1	Norway, S. C.
Dowtin, Louise, 1	Warrenton
Doxey, Mildred, 1	Philadelphia, Pa.
Drago, Samuel Francis, 1, 2	Astoria, L. I., N. Y.
Drake, Fred Brown, 1	Hendersonville
Drennon, Olivia Gertrude, 1, 2	Asheville
Duckett, Elbert Cephas, 2	Asheville
Dudley, Inez Sparrow, 1	Lake Landing
Duffy, Charles Chapman, 1, 2	New Bern
Duls, James Moore, 1, 2	Charlotte
Dunavant, Samuel Jackson, 1, 2	Charlotte
Dunbar, Aubrey Windley, 1, 2	High Point
Duncan, Jessie McNatt, 1	Lumberton
Duncan, Mary Evelyn, 1, 2	Demorest, Ga.
Duncan, Thelma S., 1, 2	Columbia, Va.
Dunlap, Anita, 2	Fayetteville
Dunlap, Joseph Paul, 1, 2	Siler City
Dunlap, Mary, 1	Wagram
Dunn, Emma Laura, 2	Wise
Eagles, Zilpha B., 1	Tarboro
Eaton, Joseph Withington, 1	Goffstown, N. H.
Eaves, Elizabeth Rocker, 1	Rutherfordton
Eckland, Margaret Louise, 1	Tampa, Fla.
Edgerly, Claudia, 2	Washington, D. C.
Edmondson, Ernest Clinton, 1, 2	Hassell
Edmunds, Sarah Hardison, 2	Wadesboro
Edwards, Elizabeth, 1, 2	Portsmouth, Va.
Edwards, Gladys Mae, 1	Red Oak
Edwards, Lucy Francis, 1	Elm City
Edwards, Ralph Goldson, 1	Wingate
Edwards, Thomas Hicks, 1, 2	Rutherfordton
Efird, Chloe, 1	Marshville
Egerton, Regina, 2	Raleigh
Eighme, Maurice Edward, 1	Raleigh
Elgar, Georgia May, 1, 2	Wytheville, Va.
Eliason, Adlai Hampton, 1, 2	Statesville
Elkins, Elsie Earle, 1	Whiteville
Ellinwood, Everett Hewes, 2	Chapel Hill
Ellis, Mary Lou, 1	Star
Ellis, Mrs. Ralph Luther, 2	Draper
English, Edwin Stuart, Jr., 2	Brevard
Etheridge, Gladys Mary, 1	Wilson
Eudy, John Clinton, 1	Cabarrus

Eure, Louise, 1, 2	Eure
Ewing, Mattie, 1	Rockingham
Ewing, Sallie Mae, 1, 2	Mt. Gilead
Ezzard, Mary Rosebud, 1	Bryson City
Faison, Elva Jane, 1	Faison
Faison, Frances, 1	Faison
Falls, Ruby Lee, 1	Gastonia
Farmer, Doretha, 1	Fairmont
Farrell, Robert, 1	Aberdeen
Farrior, John Edward, Jr., 1	Rose Hill
Faucette, Maude Ray, 1	Efland
Fearing, William Lumsden, 1, 2	Elizabeth City
Feezor, Noel Charles, 1, 2	Southmont
Felder, Idus Derrell, Jr., 1, 2	Blakely, Ga.
Ferguson, Edward Benjamin, 2	Greenville
Ferguson, Edward Benjamin, 2	Greenville
Ferguson, Fred Jaynes, 1	Waynesville
Ferguson, Richard Summers, 1, 2	Philadelphia, Pa.
Ferrebee, James L., Jr., 2	West Allis, Wis.
Ficquett, Bessie, L., 2	Batesburg, S. C.
Finch, Letty R., 1	Henderson
Finch, Thelma, 1	Henderson
Fischer, John Lewis, 1, 2	Newark, N. J.
Fisher, Nellie S., 1	Southern Pines
Fitts, Alice Lee, 2	Fairfax
Flack, Minnie Cassidy, 1, 2	Forest City
Flanagan, Mary Elaine, 1, 2	Way Cross, Ga.
Fleming, Frank Reavis, 1, 2	Hamptonville
Fleming, Mrs. Jacob Sipe, 1	Warsaw
Flinn, Lawrence, 1, 2	Pittsburgh, Pa.
Flora, Sam Bennett, 1, 2	Cleveland, Ohio
Floyd, Alberta, 2	Barnesville
Floyd, Christine Mary, 1	Fairmont
Floyd, Dinabel, 1	Fairmont
Floyd, LaRue, 1	Fairmont
Foley, Laura Hudgins, 1	Greenville
Forbes, Charles Suttle, 1	Greenville
Ford, John Fred, 1, 2	Belmont
Ford, Mahala, 1	Goodman, Miss.
Forlaw, Elizabeth Catherine, 1	Rose Hill
Formyduval, Otie, 1	Whiteville
Forrest, Mary Louise, 1	Efland
Forrest, Nell Rebecca, 1	Efland
Foscue, Clara Simons, 1	Maysville
Foster, Beulah Ethel, 1	Salisbury
Foster, Mary Ruth, 1, 2	Salisbury
Foushee, Clytie Jewel, 2	Pittsboro
Foust, Gladys, 1	High Point
Fowler, Cora Jane, 1	Tabor
Fowler, Edwin Mitchell, 1, 2	Chapel Hill
Fraley, Fred Franklin, 1, 2	Salisbury
Francis, Isaac Hathaway, 1, 2	Weems, Va.
Frank, Kathleen, 2	Denton
Franklin, Earl Ruffin, 1	St. Pauls
Frasier, Harry Glenn, 1	Sanford
Freeman, Genevieve Thomas, 1	Windsor
French, Kathleen Rose, 1, 2	Sharpsburg, Pa.

Frisby, Everett F., 1, 2	Marshall
Fryar, Frances Elizabeth, 1, 2	Miami, Fla.
Fryer, Carolyn Ann, 1	Blakely, Ga.
Fulcher, Harry Smith, 1, 2	Beaufort
Furr, Coy Lee, 1, 2	Stanfield
Furr, Earl Martin, 1, 2	Stanfield
Furse, Lily McIver, 1	Early Branch, S. C.
Fussell, Edna Lee, 1, 2	Rose Hill
Fussell, Lucian Holmes, 1, 2	Rose Hill
Futrell, Rosa Olivia, 1, 2	Conway
Gaddy, Herman C., 1, 2	Peachland
Gallant, Evelyn Jane, 1	Charlotte
Gallardo, Ida Magee, 1, 2	Charleston, S. C.
Gambill, Sidney Branscombe, 1, 2	Crumpler
Gardner, Mrs. Dillard Scott, 1	Marion
Garlick, Edna Elizabeth, 1, 2	Henderson
Garner, Frances, 1	Waynesville
Garrett, Florence, 2	Price
Garrett, Floyd Richard, 2	Julian
Garris, William Irving, 1, 2	Murfreesboro
Gary, Fannie Alberta, 1	Murfreesboro
Gates, Emma Lee, 1, 2	Rougemont
Gatlin, Addie Mae, 1	Raeford
Gault, Charles Beers, 2	Lake Waccamaw
Gayle, Emily Dearborn, 2	Farmville
Gaylor, Melrose, 1	Magnolia
George, Pauline, 1, 2	Four Oaks
Gershowitz, Saul William, 1	Joy, Conn.
Gersten, Tess Helen, 2	Brooklyn, N. Y.
Gibbs, Laura Virginia, 2	Beaufort
Gibbs, Ruth Record, 2	Beaufort
Gibson, Lottie Elizabeth, 1	Richburg, S. C.
Gilbert, Clyde Lee, 1	Florence, S. C.
Gilbert, Lulu May, 1	Enfield
Gilbert, Margaret Elizabeth, 1	Kerr
Gilbreath, John Ulpin, 1, 2	Chapel Hill
Gilchrist, Effie Kelly, 1	Cameron
Gilchrist, Peter Spence, 1, 2	Charlotte
Giles, Margaret Evelyn, 1	Chapel Hill
Ginn, James Theda, 1, 2	Snow Hill
Glenn, Charles Arthur, 1, 2	Gastonia
Glenn, Edmond Theodore, 1	Sugar Grove
Glosson, Nellie Gray, 1, 2	Saxaphaw
Glover, Franklin Marvin, Jr., 1, 2	Salisbury
Glover, Viola, 2	Rosemary
Godwin, Cleva, 1	Godwin
Goebel, Robert Wilson, 1, 2	High Point
Goldston, Cleo Wade, 1, 2	Goldston
Gooch, Amelia Parrish, 1, 2	Chapel Hill
Goode, John Fisher, 1	Woodard
Goodrich, Martha Reynolds, 1, 2	Hendersonville
Goodson, Margaret Alice, 1, 2	Mt. Olive
Goodson, Mary Katherine, 1, 2	Mt. Olive
Goodwin, Bernard Carlyle, Jr., 1, 2	Clifton Forge, Va.
Goodwin, James Clivie, 1, 2	Clifton Forge, Va.
Gordon, Thomas Wilson, 1, 2	Hillsboro
Gorham, Altee Norma, 1, 2	Washington

Gorham, James Samuel, Jr., 1, 2	Rocky Mount
Gottlieb, Jacob, 1, 2	Brooklyn, N. Y.
Grady, Elsie Swink, 1	Kenly
Graham, Kara Lee, 1	Burlington
Grant, Elizabeth Lee, 1, 2	Garysburg
Grantham, Blanche Ray, 1	Dunn
Graves, Harwood Leach, 1	Seagrove
Gray, Franklin, 1, 2	Blairstown, N. J.
Gray, James Polk, 1, 2	Statesville
Gray, Melissa Vail, 1	Blairstown, N. J.
Green, Cora Lee, 1	Warrenton
Green, Fannie Irene, 1	Durham
Green, Lavinia Anne, 1, 2	Franklinton
Green, Lauris Effie, 1, 2	Shiloh, S. C.
Green, Stanley Everette, 1, 2	Boiling Springs
Greenblatt, Milton, 1	Chapel Hill
Gregory, Helen Stewart, 1	Manson
Griffin, Collette Leventhorpe, 1	Clinton, S. C.
Griffin, DeLila Deaton, 1, 2	Pinetops
Griffin, Isaac Cebern, Jr., 1	Chapel Hill
Griffin, James Odell, 1, 2	Reidsville
Griffin, Mozelle Ava, 1, 2	Neuse
Grimes, James Miller, Jr., 2	Mt. Vernon, N. Y.
Grissom, Louise, 1	Townsville
Grotyohann, John Walter Charles, 1, 2	Brooklyn, N. Y.
Grubbs, Paul Cashwell, 1, 2	Mocksville
Gulley, Inez Wotten, 1	Clayton
Gunter, Kate Ledbetter, 1, 2	Sanford
Guthrie, Mildred Mac, 1	New Orleans, La.
Hadley, Charles William, 1, 2	Badin
Hahn, Ora V., 1	Newton
Haigler, Mildred Griffin, 1	Unionville
Haigler, Verla, 1	Unionville
Halberstadt, Cecelia, 1	Belhaven
Hale, Mrs. Walter, 1	Eure
Hales, Clara Lee, 2	Pikeville
Hall, Delphia Blanche, 1	Cooper
Hall, Doris Vernon, 1	Albany, Ga.
Hall, Ella Umstead, 1	Stem
Hall, Henry Reynolds, 1	Clemmons
Hall, Mary Anne, 1, 2	Milton
Hamilton, Alfred Thompson, 1, 2	Chapel Hill
Hamilton, Joseph deRoulhac, Jr., 1, 2	Chapel Hill
Hamilton, John Wallace, 1	Atlantic
Hammond, Eugene Ashby, 1	Rowland
Hamrick, Laxton, 1	Grover
Hancock, Ernest Dewey, 1	Bear Creek
Hanscome, Robert, 1, 2	Los Angeles, Cal.
Hansen, Gudrun Elizabeth, 2	New Orleans, La.
Hardaway, Anna Hunter, 1	Oxford
Hardee, Robert M., 1, 2	Stem
Harden, Minnie Emma, 2	Cookeville, Tenn.
Harding, Benjamin Hackett, 1, 2	Yadkinville
Hardison, Daisy Deane, 1	Washington
Hardison, Fannie Myrt, 1	Williamston
Hardy, Mary Alice, 1, 2	Amelia, Va.
Hargreave, Andrew Galbraith, 1, 2	Forest Hills, N. Y.

Harmon, Miriam, 1	McCormick, S. C.
Harney, Hattie Mathews, 1	Elizabeth City
Harper, William Lacy, 2	Pittsboro
Harrell, Ruth Alene, 1, 2	Norfolk, Va.
Harris, Alfred Livingstone, 1	Mt. Gilead
Harris, Elizabeth, 1	Mooresville
Harris, James Carlos, 2	Inez
Harrison, Evelyn Byrd, 1	La Crosse, Va.
Harrison, Katherine White, 1, 2	Plymouth
Harrison, Virginia Lea, 1, 2	Chapel Hill
Hart, Blanche Carey, 1	Ayden
Hartenstein, Sara Belle, 1	Wheeling, W. Va.
Harton, Fred Bryan, 2	Ruffin
Hartshorn, Derick Sibley, 1	Goldsboro
Harvey, Nell Lee, 1	Crouse
Hassell, Lucile, 1	Williamston
Hatcher, Louise, 1	Faison
Hatcher, Rachel Frances, 1, 2	Kinston
Hathaway, Matilda, 2	Creswell
Hayes, Charlotte Clinard, 1, 2	El Paso, Texas
Hayes, Clara Gray, 1, 2	Spring Hope
Hayes, Charles Patton, Jr., 1	Asheville
Hayes, Margarette Arthur, 1	Gates
Heafner, Beulah Frances, 1	Crouse
Hearne, Martha A., 1	Macclesfield
Hearne, Thomas McCain, 2	Albemarle
Heckenbleikner, Herbert, 1, 2	Charlotte
Heckenbleikner, Inguien, 2	Charlotte
Heffelfinger, William Walter, Jr., 1	Wayzata, Minn.
Heilig, Leah, 1	Goldsboro
Helms, Annie May, 1	Unionville
Helms, Christine, 1	Monroe
Helms, John Reece, 1, 2	Marshville
Helms, Kathleen, 1	Wingate
Helsabeck, Clara, 1	Tobaccoville
Henderson, Peter Leland, 1, 2	Jersey City, N. J.
Henderson, Willia Irwin, 2	Charlotte
Hendren, Rochelle, 1	Chadbourn
Herbert, Hattie L., 2	Rocky Mount
Herman, Ida Estelle, 2	High Point
Herring, Annie W., 1	Wilmington
Herring, Mary Elizabeth, 1, 2	Wallace
Hershman, Arthur Henry, 1, 2	Brooklyn, N. Y.
Hester, Felcia Marie, 1, 2	Oxford
Hester, Viola Janie, 1	Oxford
Hewitt, Macon Halliburton, 1, 2	Forest City
Hickerson, Mary Gwyn, 1	Lenoir
Hickey, Anna Margaret, 1, 2	Spruce Pine
Hicks, Mary Pruline, 2	High Point
Hicks, Mrs. Oscar Vernon, 1	Rockingham
Hicks, Virginia Iris, 1	Henderson
Hight, Helen Minerva, 2	Henderson
Hildebrand, Sarah Josephine, 1, 2	Teague, Texas
Hill, Mrs. David Rufus, 1	Duncan, S. C.
Hill, Elnora, 1, 2	Leaksville
Hill, Glenn Mewborn, 1	Snow Hill
Hill, Mary Ellen, 1	Salisbury

Hine, Fay Louise, 2	Winston-Salem
Hines, Mrs. Hugh Benjamin, 1	Manteo
Hinson, Emma Annie, 1	Timmonsville, S. C.
Hinson, Jasper, 2	Cerro Gordo
Hinton, George R., 1	Kenly
Hobbs, Oscar Brandon, 2	Gastonia
Hobgood, Hamilton Harris, 1, 2	Bunn
Hodges, Robert Mitchell, 1, 2	Winston-Salem
Hoefer, Elmer George, Jr., 1	Chapel Hill
Holcomb, Charles Edgar, Jr., 1, 2	Atlanta, Ga.
Holder, Naomi Dail, 1, 2	Calypso
Holland, John Samuel, 1, 2	Jennings
Holloway, Willa Lee, 1	Varina
Holmes, John Reed, 2	Chapel Hill
Holmes, William Fowler, 1, 2	Yazoo City, Miss.
Holt, Rommie L., 1, 2	Pink Hill
Holt, William Kirkpatrick, Jr., 1, 2	Burlington
Honeycutt, Calypso, 1	Clinton
Honeycutt, Lelia Reese, 1	Boiling Springs
Hood, Ethel Pauline, 1, 2	Lake Waccamaw
Hood, Robin, 2	Valdosta, Ga.
Hoover, Mary Greenlee, 1	Monroe
Hoover, Walter Lee, Jr., 1, 2	Charlotte
Hopper, Herman Webb, 1, 2	Leaksville
Horne, Betty Florence, 1	Magnolia
Horner, Elouise Kent, 1	Oxford
Houck, May Ellen, 2	Winston-Salem
Householder, Frank Johnson, Jr., 1, 2	Chapel Hill
Houser, Euzelia Catherine, 1	Cherryville
Houser, Vida L., 1	Crouse
Howard, Christopher Cameron, 1, 2	Deep Run
Howard, Lettie Jean, 1, 2	Roseboro
Howard, Mary Dalice, 2	Fayetteville
Howard, Nancy Brawley, 2	Mooresville
Howard, Rachel Eugenia, 1, 2	Hillsboro
Howard, Thelma Ruth, 1, 2	Salemburg
Howard, William Lawrence, 1, 2	Delmar, Del.
Hubbard, Charles Randloph, 1, 2	Burnsville
Hubbard, James Robinson, 1, 2	Clinton
Huff, Frank Ernest, 1, 2	Asheville
Huff, Lois, 1	Henderson
Huffman, Joseph Elmo, 2	Thomasville
Hufham, Lottie Evelina, 1, 2	Chadbourn
Huger, William Beekman, 1	Savannah, Ga.
Huggins, Ruby Grantham, 2	Nichols, S. C.
Hughes, Alice Link, 1	Cedar Grove
Hughes, Duncan Gilchrist, 1, 2	Parkton
Humphrey, Beulah Mae, 1	Lumberton
Humphrey, Jessie Graham, 1	Lumberton
Humphreys, Johnsie Fay, 1	Mocksville
Huneycutt, Juanita, 1	Albemarle
Hunt, Lucille Elizabeth, 1, 2	Oxford
Hunt, Paul Addison, 1, 2	Pleasant Garden
Hunter, Cloyce Louise, 2	Harmony
Hunter, Duncan Carmichael, 2	Belmont
Hunter, Ernest Jones, 1, 2	Huntersville
Hunter, Frances Jane, 1	Charlotte

Hunter, Fred Sample, 1, 2	Chapel Hill
Hunter, Ethel, 1, 2	Hendersonville
Hunter, Lillian Maude, 1	Sanford
Hunter, Sarah, 1	Matthews
Hunter, Shelton Brinson, 1, 2	Magnolia
Hurley, Patty E., 1	Biscoe
Hurt, Beatrice, 1	Kerrville, Texas
Huske, Isaac Hall, 1, 2	Fayetteville
Huss, Hariett, 1	Cherryville
Huss, Webb Hunter, 1	Cherryville
Hutchinson, Mrs. R. H., 1	Saxapahaw
Hutson, Alta Mail, 1	Liberty
Idol, John Dempsey, 1, 2	High Point
Idol, Percy Cornelius, 1, 2	High Point
Inman, Ruth Gladys, 1	Hallsboro
Isley, Bertha Irene, 2	Burlington
Isley, Nettie Myrtle, 2	Burlington
Ivey, Edith Leland, 1, 2	Norwood
Jackson, Cecil Cairnes, 1, 2	Biltmore
Jackson, Helen Taylor, 2	Chase City, Va.
Jackson, Henry Tull, 2	Mt. Olive
Jackson, Lella Marie, 1	Dunn
Jackson, Morris Bradley, 1, 2	Newport, N. Y.
Jackson, Susie Hayes, 1	Louisburg
Jackson, Thelma Elizabeth, 1	Dunn
Jacocks, Francis Gillam, Jr., 2	Elizabeth City
Jameson, Harlan, 1, 2	Winter Haven, Fla.
Jarratt, Augustua Henry, Jr., 1	Concord
Jarvis, Ethel Freeman, 1	Spindale
Jenkins, Estelle Barnes, 1, 2	Pinetops
Jenkins, George Henry, 2	Fayetteville
Jenkins, Mrs. Wade M., 1	Wingate
Jessup, Margaret Ruth, 1	Elease
Jeter, Belle Flournoy, 2	Santuc, S. C.
Johnson, Adelaide, 1	Louisburg
Johnson, Allie Edwards, 1	Manteo
Johnson, Allan Glendon, 1, 2	Varina
Johnson, Charles Bascum, 1	Wilmington
Johnson, C. Belle, 1	St. Pauls
Johnson, Elizabeth, 1	Louisburg
Johnson, Mrs. Gales, 1	Chapel Hill
Johnson, T. Blair, 1	Vale
Johnson, Thomas Lester, Jr., 1, 2	Lumberton
Johnson, William Robert, 1	Four Oaks
Johnston, Ann Louise, 1	Emporia, Va.
Johnston, Fred Odell, 1, 2	Kelford
Jones, Anna Mae, 1, 2	Ferguson
Jones, Dorothy Mae, 1	New Bern
Jones, George Lyle, Jr., 1, 2	Asheville
Jones, Helen, 2	Henderson
Jones, Hettie Lillian, 2	Gum Neck
Jones, Hallie Myrtle, 1	Oxford
Jones, Herbert William, 1	Greensboro
Jones, Marguerite Elizabeth, 1	Holly Springs
Jones, May Strawbridge, 1	Chapel Hill
Jones, Nell Margaret, 1	Mebane
Jones, Sara Esther, 1, 2	Asheville

Jones, William Franklin, 1, 2	Charlotte
Jones, Wade Oscar, 1	Winston-Salem
Jordan, Pattie Matthews, 1, 2	Salisbury
Joyce, Maggie, 1	Critz, Va.
Joyce, Mary Lou, 1	Stuart, Va.
Joyner, Nell, 1	Woodland
Katcher, Monroe Irvine, II, 1	Brooklyn, N. Y.
Keene, Thelma Mae, 1	Four Oaks
Keith, Mae Hampton, 1	Varina
Kendall, Bloomfield, 1, 2	Shelby
Kendrick, Benjamin Burks, 2	Greensboro
Kennedy, John, 1, 2	Shelby
Kenyon, Van Leslie, 1, 2	Hillsboro
Killian, Mary Julia, 1	Edgemoor
King, Blanche, 1, 2	Troy
King, Clarence Martin, 1	Burnesville
King, Eula Lawton, 2	Augusta, Ga.
Kirby, Elizabeth, 1	Lucama
Kirkpatrick, John James, 1, 2	Caldwell, N. J.
Kirkpatrick, Maude, 1	Richburg, S. C.
Kiser, Burley Leonard, 1, 2	Lincolnton
Kiser, Worth LeRoy, 1	Bessemer City
Kleemeier, John Augustus, Jr., 1	Greensboro
Knight, Carrie Mae, 1	Columbia
Knight, Mildred, 1	Greensboro
Knoop, Frederick, Jr., 1, 2	Washington, D. C.
Kochtitzky, Oscar Wilbur, Jr., 1, 2	Mt. Airy
Koon, Annie Mae, 1, 2	Lincolnton
Koon, Mary Elizabeth, 1, 2	Lincolnton
Koon, Pearl, 1, 2	Lincolnton
Koonce, Carroll H., 1	Wilmington
Koonce, Ettie Davie, 2	Comfort
Kornegay, James Mary, 1	Mt. Olive
Krider, Paul Tussey, 1, 2	Tyrone, Pa.
Kutschinski, Christian David, 1	Winston-Salem
Kyles, Edith Elizabeth, 1, 2	Statesville
Lackey, Louise Annie, 1	Hamlet
Laing, Ella Davis, 2	Harper, W. Va.
Lambert, Dewey Winfred, 1, 2	Greensboro
Lampley, Alice Vivian, 1	Wadesboro
Landreth, Virginia Dell, 1, 2	Winston-Salem
Lane, Benjamin Benson, Jr., 1	Chapel Hill
Langley, Forrest Lelon, 1, 2	Kenly
Langston, Albert Douglas Beach, 1	Miami, Fla.
Langston, Lewise Beach, 1	Miami, Fla.
Langston, O. Porter, 1	Miami, Fla.
Lanier, Edwin, 1, 2	Thomasville
Lanning, Lucy Juanita, 2	Denton
Lasko, Charles, 1, 2	New York, N. Y.
Lassiter, Alma J., 1	Mechanic
Lassiter, Gladys Joyner, 1	Potecasi
Latham, Elmer Glenn, 2	Mocksville
Lathan, William Ray, 1	Monroe
Lawrence, Alfred Stratton, Jr., 1, 2	Chapel Hill
Lawrence, Mary Hilda, 1	Hickory
Lawson, Janie Thomasson, 1	Chapel Hill
Leake, Marion, 1, 2	Clinton, S. C.

Leary, Eugene, 1, 2	Merry Hill
Ledbetter, Hazel Mebane, 1	Lexington
Lee, Eunice Elizabeth, 1	Lynchburg, Va.
Lee, Ludie Carrie, 1, 2	Benson
Lefler, Lenna Hartsell, 1	Bost's Mills
Leggett, Percy Ormond, 1, 2	Scotland Neck
Lennon, Carl Fletcher, 1	Rowland
Lennon, Merwyn Cornelius, 1, 2	Rowland
Leonard, Lena, 2	Lexington
Levy, Esta Joyce, 1, 2	Suffolk, Va.
Levy, Sara Barbara, 1	Suffolk, Va.
Lewis, Edna, 2	Rocky Point
Lewis, Ellen May, 1	Farmville
Lewis, Florence, 2	Rocky Point
Lewis, George Wesley, 1	Marshallberg
Lewis, Hazel, 1	Middlesex
Lewis, Irma, 1	Conway, S. C.
Lewis, Katherine, 1	Dallas
Lewis, Mary Lee, 1, 2	Washington
Lindeman, John Bruce, 1	Greensboro
Lindsay, William Samuel, 1	Camden, S. C.
Lineberry, Flossie, 1, 2	Spies
Link, Grace Bennett, 1	Lenoir
Little, Franklin, 1	Tryon
Livingstone, Adelle Sauls, 1	Orangeburg, S. C.
Livingston, Mary McNeil, 1	Laurel Hill
Livingstone, Ruth Sarah, 1, 2	Fletcher
Llewellyn, Robert James, 2	Stoneville
Lloyd, Grace Mae, 1	Chapel Hill
Loftin, Maria Davis, 1	Warsaw
Logan, Helen, 1, 2	Kings Mountain
Logan, Mildred Rachel, 1	Yadkinville
London, John H., 1	Pittsboro
Long, Jesse Melvin, 1	Mollie
Long, John Peebles, 1	Jackson
Long, Joseph Wallace, 1, 2	Forest City
Long, Kathryn McQueen, 1	Tuscaloosa, Ala.
Long, Martha Louise, 1	Gastonia
Looper, Ruth Jane, 1	Easley, S. C.
Loughlin, Gertrude, 1	Wilmington
Love, George W., 1	Horse Shoe
Love, Marion S., 1	Danville, Va.
Love, Sarah Frances, 1	Wilmington
Lovett, Lucy Leigh, 1	Asheboro
Loving, Loula Omohurdro, 1, 2	Cameron
Lowe, Palmer Clarke, 2	Roberts, Ga.
Lowe, Sara Alice, 2	Bryon, Ga.
Lucas, William Elijah, 1, 2	Seagrove
Lufty, Napoleon B., 1, 2	Greensboro
Lumpkin, Virginia Dabney, 1, 2	Danville, Va.
Lyerly, Ella Mae, 1, 2	Salisbury
Lynch, Mabel, 1	Dunn
Lyon, Ollie Ianna, 1	Creedmoor
McAdams, Nannie Lee, 1, 2	Mebane
McArthur, Jesse Boone, 1, 2	Wakulla
McBane, Mrs. H. Grady, 1	Burlington
McCallum, Sarah, 1	Rowland

McCauley, Myra Maude, 1	Durham
McClain, Martha Leigh, 1, 2	Rutherfordton
McClure, David Craig, 1, 2	Chapel Hill
McColl, Gabrielle Palmer, 2	Bennettsville, S. C.
McCorkle, Homiselle Virginia, 1	Salisbury
McCown, Elizabeth Mary, 1	Anderson, S. C.
McCoye, Annabelle, 1	LaGrange
McCrummen, Neolia, 1	West End
McCutcheon, Daisy Elizabeth, 1, 2	Dillon, S. C.
McDade, Beulah Irene, 1	Lenoir
McDade, Blanche M., 1	Mebane
McDade, Roy Arnold, 2	Lenoir
MacDonald, Alice M., 2	St. Paul
McDuffie, Cora Lavinia, 1	Lumberton
McDuffie, Henry Troy, 1	Lumberton
McDuffie, Irene Pittard, 1	Lumberton
McElwee, Fannie Fort, 1, 2	Statesville
MacFarland, Ruth Gunter, 1, 2	Aberdeen
McGehee, Delilah H., 1	Jamestown
McGinnis, Mattie, 1	Cherryville
McGirt, Evelyn, 2	Wagram
McGlamery, Dillard Martin, 1	Greensboro
McGlamery, Wylie Hampton, 1	Greensboro
McGlohon, Ethel, 1	Winterville
McInnis, Earnest Clewell, 1, 2	Clio, S. C.
McIntyre, Bess Bernice, 2	Wingate
McIver, Evelyn, 1, 2	Mebane
McIver, Henry Staton, 1, 2	Greensboro
McIver, Mary Lacy, 1	Sanford
McKee, William Wakefield, 1, 2	Chapel Hill
McKernon, Kate, 1	Sanford
McKethan, Christian, 1	Fayetteville
McKethan, Ida Janie, 1	Fayetteville
McKibbin, Mabelle Marguerite, 1, 2	Pittsburgh, Pa.
McKinley, Johnsie Louise, 1	Kannapolis
McKinne, Olivia, 2	Louisburg
McKinney, Mrs. Edward Felton, 1, 2	Mt. Airy
McKinney, Elizabeth Louise, 1, 2	Mt. Airy
McKinnon, Mary, 1	Mt. Gilead
McKinnon, Sarah, 1, 2	Maxton
McLaughlin, Calvin Sturgis, 2	Charlotte
McLean, Edward Price, 1, 2	Moultrie, Ga.
McLellan, Laurice Rhodes, 1, 2	Godwin
MacLeod, Mary Griffin, 1, 2	Burlington
McLeod, Mary Margaret, 1	Sanford
McMillan, Robert Lindsay, 1, 2	Charlotte
McMillan, Vilamae, 1, 2	Wade
McNeil, Esther Blanche, 1	Gibson
McNeill, Flora McPherson, 1, 2	Fayetteville
McQueen, Sally Margaret, 1, 2	Laurinburg
McRacken, Angus Raymond, 1, 2	Shannon
McRackan, Maggie Bullock, 1	Whiteville
McWhirter, Mary Louise, 1	Winston-Salem
McWhorter, Frances Margaret, 1	Summerville, Ga.
Mabry, Annie Harrell, 1	Abbeville, S. C.
Mace, Jeanette, 1	Reidsville
Madry, Claudius Jarratte, 1, 2	Scotland Neck

Maness, Bertie Jane, 1	Biscoe
Maness, Elva, 1	Biscoe
Maness, Margaret Myrtle, 1	Biscoe
Mangum, Edith Hooper, 2	Lexington
Manheim, Frank Joseph, 1, 2	New York, N. Y.
Manning, Frances, 1	Middlesex
Manning, Ruth, 2	Williamston
Marlette, Laura, 1	Saxapahaw
Marshall, Beatrice Charles, 1	Currie
Marshall, Thomas Edmunds, Jr., 1, 2	Rocky Mount
Martin, Albert Hugh, 1	Monongah, W. Va.
Martin, Bessie Beale, 1	Suffolk, Va.
Martin, Clay Norman, 1, 2	Kenly
Martin, Kate Hannah Martin, 2	Burlington
Mason, Mrs. Bertha Hillon, 1	Grand Rapids, Mich.
Massenburg, Fannie Lillian, 2	Henderson
Massengill, William Walton, 1, 2	Four Oaks
Massey, Frances, 1	Ocala, Fla.
Massey, Jessie Adelia, 1	Holly Springs
Masten, William Ashburn, 1, 2	Winston-Salem
Matheson, Mrs. Donald Stuart, 1	Cheraw, S. C.
Matheson, William McRae, 1	Mt. Gilead
Matthews, Charles Odell, 1, 2	Kernersville
Matthews, Edna, 1	Florence, S. C.
Matthews, Hilda, 1	Windsor
Matthews, Janie, 2	Charlotte
Mattison, Ruth, 1, 2	Winston-Salem
Mauney, Clyde David, 1, 2	Cherryville
Mauney, Lorene Martlea, 2	Kings Mountain
Maurice, Charles Stewart, II, 1, 2	Eagle Springs
May, Marguerite Wright, 1	Lenoir
Maynard, Edith Mae, 2	Apex
Meacham, Bertha Irene, 1	Columbia, S. C.
Meador, Esther Martin, 1, 2	Lucama
Meadows, Regenia Dare, 2	Mountain Park
Meares, Carl Whitten, 1	Fair Bluff
Mease, Edgar White, 1	Hayesville
Mebane, Grace, 1	Mebane
Mebane, Matilda Madge, 1	Mebane
Meeder, Pauline, 1, 2	Farmville
Mellon, Harrietta Eugenia, 1, 2	Stony Point
Mercer, Albert Lewis, 1	Beulaville
Mercer, Frances, 2	Beulaville
Mercer, Grady, 2	Chapel Hill
Meredith, Sarah Baylor, 1	Columbia, S. C.
Merrell, Herman Stroupe, 1	Fairview
Merritt, Julia Woodley, 1	Murfreesboro
Merritt, Robert Charles, Jr., 1, 2	Wilmington
Mewborne, John Franklin, 1, 2	Kinston
Midgett, Ernest Leeland, 1, 2	Kitty Hawk
Milford, Grace McHardy, 1	Abbeville, S. C.
Miller, Emmett Henry, 1	Hodges
Miller, Elizabeth Suzanne, 1	Chester, S. C.
Mills, Bonner Sutherland, Jr., 1	Greenville, S. C.
Mills, James Benton, 1, 2	Polkton
Mills, William Robert, Jr., 1, 2	Louisburg
Milton, Katherine, 1	Albemarle

Mitchell, Mattie Lee, 1	Anderson, S. C.
Mitchelle, Isla Elbridge, 1, 2	Yanceyville
Mizell, Essie Britton, 1	Windsor
Moffitt, Mary, 2	Asheboro
Monies, Vivian, 1	Clarksdale, Miss.
Monk, Grace McGranahan, 2	Farmville
Monroe, Bess E., 1	Fayetteville
Monroe, Sara Elizabeth, 1	Sanford
Montgomery, Wesley Lee, 1, 2	Bunn
Moody, Charles Stowe, 1, 2	Charlotte
Moody, Jessie, 1	Whittier
Moore, Cora May, 1	Waynesville
Moore, Gertrude Elizabeth, 1	Waxhaw
Moore, James Edwin, 1, 2	Wilmington
Moore, John Fleming, 1, 2	Spray
Moore, Margaret, 1	Hamlet
Moore, Mattie Elizabeth, 2	Milledgeville, Ga.
Moore, Margaret Lillian, 1	Teacheys
Moore, Ruth, 1	Rocky Mount
Moore, William Nathaniel, 1	Stokes
Mooring, Hattie Belle, 1, 2	Chapel Hill
Moragne, Catherine Hoke, 1	Lihue, Hawaii
Morgan, Emily Nichols, 1, 2	Asheville
Morris, Joseph Falls, 1, 2	Charlotte
Morris, Myrtle, 1	Atlantic
Morris, Mary Wadley, 1, 2	Columbus, Ga.
Morrisette, Edna Eloise, 1	Elizabeth City
Morrison, Frances Cousins, 1	Danville, Va.
Morrison, Hazel, 1	Red Springs
Morton, Thelma Hedgepeth, 1	Milton
Moser, Bradford Franklin, 1, 2	Shelby
Moser, Richard Harmon, 1, 2	Swannanoa
Moss, Mildred, 1	Kings Mountain
Moss, Nicholas Allison, 1	Kings Mountain
Mosteller, Kata Lavada, 1	Lincolnton
Mowery, Hartman Baxter, 1	Salisbury
Moye, Elizabeth Etheridge, 1	Kenly
Mullins, Nettie, 1	Chapel Hill
Murray, Mamie Elizabeth, 1	Winston-Salem
Myers, James Weslie, 1, 2	Winston-Salem
Myers, Ruby Jane, 1, 2	Yadkinville
Myers, William Turrelius, 1, 2	Charlotte
Nahikian, Howard M., 1	Asheville
Nance, Bronnie Anderson, 1	Wingate
Nance, Lillian Nina, 1, 2	Lumberton
Nash, Edmund Strudwick, Jr., 1, 2	Wilmington
Needham, James Kieffer, 1, 2	Winston-Salem
Neel, Idelle Townsend, 1	Troutman
Nelson, Charlie Etheridge, 1, 2	Murfreesboro
Nelson, Mary Elizabeth, 2	Henderson
Nelson, Shasta Vining, 2	Wilmington
Nettles, Herbert Robert, 1	Arden
Neville, Ben Holland, 1	Whitakers
Newcombe, Mrs. Charles Bailey, 2	Wilmington
Newell, Olive Elizabeth, 1	Greensboro
Newell, Ruth, 1	Scotland Neck
Newlin, Locke Mebane, 1, 2	Graham

Newsom, Jesse Strickland, 1	Sandersville, Ga.
Nichols, Erwin, 1, 2	Charlotte
Nichols, Rhoda Anne, 1	Morehead City
Nicholson, Elizabeth, 1	Mebane
Nicholson, Helen Elise, 1	Stephens, Ga.
Nicholson, Ola Moye, 1, 2	Statesville
Nickles, Corrinne, 1	Columbus, Miss.
Nixon, Evelyn Mary, 1	Davidson
Nooe, Fred Parker, 1, 2	Pittsboro
Norment, Beulah Blount, 1	Thomasville
Norment, Mary Lee, 1, 2	Lumberton
Norment, Mrs. Owen Lennon, 1	West Asheville
Norris, James Lloyd, 1	Dunn
O'Neil, Frank Church, 1	Henderson
O'Neil, John Tettemer, 1, 2	Henderson
O'Neil, Mildred Upton, 2	Henderson
Oakes, Elton Sterling, 1, 2	Springfield, Mass.
Oakes, Mildred, 1, 2	Faison
Oliver, Charity Crowell, 1, 2	Whiteville
Oliver, Freddie, 2	Selma
Oliver, George Motley, 2	Yanceyville
Oliver, Irene Thomas, 1, 2	Cedar Grove
Oliver, Lannie Elizabeth, 2	Marietta
Oliver, William Bridges, 1, 2	Pine Level
Orbaugh, Randolph Edwin, 1, 2	Chapel Hill
Orodenker, Morris Harris, 1, 2	Philadelphia, Pa.
Orr, Mary Lou, 1	Whiteville
Overman, Charles Beatty, 1, 2	Washington, D. C.
Owen, Ellen Earle, 1, 2	Lexington
Owen, Merle, 1	Dunn
Owen, Ruth, 1	New Bern
Owens, Lillian Wynne, 1	Columbia
Owens, Magnolia, 1	Columbia
Pace, Gladys Vandalia, 1	Snow Camp
Palmer, Lolla Fitts, 1	Warrenton
Parker, Alice Ardelia, 1	Manley
Parker, Annie Pearle, 1, 2	Raleigh
Parker, Essie, 1	Manley
Parker, Josephus Deward, 1	Elm City
Parker, Lucille, 1	Bladenboro
Parkin, Nell, 1, 2	Thomasville
Parks, George Reid, 1	Forest City
Parks, Mary Belle, 1	Kannapolis
Parnell, Furness LeRoy, 2	Myrtle Beach, S. C.
Parrish, Frances Malva, 1	Franklin
Parrish, Julia Paschall, 1	Summerfield
Parrish, Kate G., 1	Franklin
Parrish, Rose Crews, 1	Durham
Parsley, Robert Aubrey, Jr., 1	Wilmington
Parsons, Thomas Leake, 1	Greensboro
Patrick, Benjamin Franklin, 1, 2	Gum Neck
Patterson, Dean Eusebius, 2	Burlington
Patterson, Fred Geer, 1, 2	Chapel Hill
Patterson, Henry Newton, 1, 2	High Point
Patterson, Madeline Carlyle, 1	Rock Hill, S. C.
Patterson, Walter Branch, 1, 2	Rochester, N. Y.
Patterson, William Benton, 1, 2	Coats

Paulsen, Abby Laura, 1	Chapel Hill
Paxton, Branch Edwards, 1	Brevard
Payne, Nellie Gertrude, 1	Columbia
Peace, Samuel Thomas, 2	Henderson
Peacock, Addie Mae, 1, 2	Benson
Peake, Thelma Beatrice, 2	Toledo
Pearce, Inez Lois, 1	Colerain
Pearlstine, Floyd, 2	Charleston, S. C.
Peebles, Calvert Goosley, 1	Hubert, Ga.
Peele, James Clarendon, 1, 2	LaGrange
Peele, Mary Roberts, 2	Rich Square
Peeples, Nathaniel, 1, 2	Bluffton, S. C.
Pelton, Paul Philip, 1, 2	Southern Pines
Pence, James Jerome, 1, 2	Wagram
Pence, Lee Ila, 1	Tatum, S. C.
Penland, Blanche, 1, 2	Hayesville
Penn, Merle, 1	Chadbourn
Penney, Nerah Grimes, 1, 2	Salisbury
Penny, Celeste Lane, 1, 2	Raleigh
Peoples, Crosland Olaf, 1	Rural Hall
Perkins, Annie, 1	Greenville
Perry, Callie Whichard, 2	Washington
Person, Mildred Ashton, 2	Macon
Petty, Alvis Brooks, 1	Pittsboro
Pfaff, Eugene Edwin, 1, 2	Pfafftown
Pfohl, Cyrill Henry, 1, 2	Winston-Salem
Phifer, Martha Geddings, 1	Spartanburg, S. C.
Phillips, Anton Alexander, 1, 2	Raleigh
Phillips, Coy Tatum, 1, 2	Winston-Salem
Phillips, Florence Loraine, 1, 2	Fredericksburg, Va.
Phillips, Florence Poteat, 1	Marion
Phillips, Lillian, 1	Chipley, Ga.
Pickard, Ellis Melvin, 1, 2	Burlington
Pierce, Lollie, 1, 2	Hallsboro
Pike, Laura Dorothy, 1	Winston-Salem
Pittard, Allene, 1, 2	Nelson
Pittman, Betty Mae, 1	Greenville, S. C.
Player, Mary White, 1	Mayesville, S. C.
Pleasant, John Gerald, 1	Angier
Plummer, Robert Henry, 1	Brevard
Poindexter, Harold Oscar, 1	Rural Hall
Pomeroy, Cornelia Stephens, 1	Charlotte
Pope, Samuel Allen, 1, 2	Durham
Pope, Walter N., 1	Wadesboro
Poplin, Velma Iola, 1	Norwood
Porter, Francis Ross, 1, 2	Monroe
Porter, Lurline Mintz, 1	Blacksburg, S. C.
Poston, Frances, 1	Statesville
Powell, Annie Lee, 1	Whiteville
Powell, Elmer Cromwell, Jr., 1	Henderson
Powell, Eugenia Salome, 1	Grifton
Powell, Henry Spencer, 1	Washington, D. C.
Powell, Mary Lou, 1	Whiteville
Powell, Van Richard, 1, 2	Fair Bluff
Preston, Stanley W., 1	Chapel Hill
Prevost, Whitener Harris, 1, 2	Waynesville
Price, Henkel Moser, 1, 2	Hickory

Price, Rebecca, 1, 2	Bishopville, S. C.
Pridgen, Mary Louise, 1	Goldsboro
Primm, Lois Lavalle, 1	Thorsby, Ala.
Pringle, Clara Margaretta, 1	Charleston, S. C.
Proctor, Lula Westry, 2	Rocky Mount
Proctor, Robert Huntington, Jr., 1, 2	Hollis, N. Y.
Pullen, Magnolia, 2	Spring Hope
Purser, James Clayton, 1, 2	Unionville
Quattlebaum, Julia Rebecca, 1	Ridge Springs, S. C.
Ramsden, Howard Trueman, 1	Spray
Raney, Thomas Hansard, Jr., 1, 2	Chapel Hill
Rankin, Fred Cathy, 1, 2	McAdenville
Raper, Julian Ellsworth, 1, 2	Elizabeth City
Raub, Charles Albert, 1, 2	Marietta, Pa.
Rawls, Cyrus Franklin, 1, 2	Catherine Lake
Ray, Hazel, 2	Hendersonville
Ray, Joseph King, 1	Leaksville
Ray, Luna Cox, 1	High Point
Redding, Thomas Henry, 1	Asheboro
Reece, Edythe Floye, 2	Dobson
Reed, Elizabeth Gatewood, 1	Beaumont, Texas
Reed, May Adelaide, 1	Beaumont, Texas
Reed, Maude Butler, 2	Kenansville
Reeves, Lucy Evelyn, 1, 2	Laurel Springs
Regener, Anna Louise, 1	Tampa, Fla.
Register, Nellie Beardsley, 2	Norlina
Reid, John Walker, 1	Charlotte
Rhodes, Edna Viola, 1	Lincolnton
Rhodes, Paul Heilig, 1	Albemarle
Rhyne, Mrs. Claude, 1	Kings Mountain
Rhyne, Lena Mae, 1	Gastonia
Rice, Muriel Elizabeth Leah, 1, 2	Conover
Richards, Nan Hayes, 1	Camden, S. C.
Richardson, Hazel Asbury, 1, 2	Star
Richardson, Mabel Elizabeth, 1, 2	Seagrove
Richardson, Verla Evelyn, 1	Monroe
Richmond, Marguerite Claire, 1, 2	Chapel Hill
Richmond, Mildred Satterfield, 2	Roxboro
Rickert, Christine Rutledge, 1	Statesville
Ricks, Robert Henry, 1	Rocky Mount
Riddick, Thomas Moore, 1, 2	Gatesville
Riggs, Eloise, 1	South Mills
Riley, Irene, 2	Wimauma, Fla.
Ripple, Sadye, 1, 2	Welcome
Roberson, Margaret Elizabeth, 1	Robersonville
Roberts, Clyde Morris, 1, 2	Marshall
Roberts, Dessie, 1	Shelby
Roberts, Louise, 1	Shelby
Roberts, Marcia Elizabeth, 1	Weaverville
Roberts, Roy John, 1, 2	Landis
Roberts, Sarah, 1, 2	Greensboro
Roberts, Victor Watson, 1, 2	Lenoir
Robertson, Margaret, 2	Clarkton
Robinson, Annie Mae, 1	Newton
Robinson, Carlton, 1	Atlantic
Robinson, Edna, 1	Ivanhoe
Robinson, Willie Lewis, 1	Norlina

Roccaforte, Charlotte Isabel, 1	New Orleans
Rogers, Agens, 1	Marion, S. C.
Rogers, Bertha May, 1	Timberlake
Rogers, Frances, 1, 2	Marion, S. C.
Rollins, Robert Truett, 2	Elizabethtown
Rooker, Susie Eleanor, 1, 2	Norlina
Roper, Elizabeth Jarvis, 1	Goldsboro
Rose, Jean Evans, 1, 2	Chapel Hill
Rose, Lessie, 1	Nashville
Ross, Betsy, 1, 2	Asheboro
Rosser, Ruby Caviness, 2	Jonesboro
Rouse, Nina Ruth, 1	Kinston
Rowell, Glenn Hatcher, 1	Matthews
Rowland, Adele Aplice, 1	Dunn
Royall, William Richard, 1	Wilmington
Royster, Chauncey Lake, 1	Chapel Hill
Royster, Elizabeth Lewis, 1	Lynchburg, Va.
Royster, Martha Ellen, 1, 2	Chapel Hill
Rozier, Esper Volene, 1, 2	Lumberton
Ruble, Edwin Frank, 1	Washington
Ruble, Raymond John, 2	Chapel Hill
Rucker, Juanita, 1	Anderson, S. C.
Ruff, Charles Edwin, 1	Hagerstown, Md.
Russell, Belle Murray, 2	Burlington
Russell, Doretta, 1, 2	Augusta, Ga.
Rust, Carl King, 2	Chapel Hill
Safrit, Josephine Mary, 1	Salisbury
Sain, Fletcher Dover, 1, 2	Lawndale
Samuels, Gertrude, 2	Chapel Hill
Sanders, Emily Catherine, 2	Summerville, S. C.
Sanford, Irma Grace, 1	Hendersonville
Saunders, Carrie M., 1	Burgaw
Scales, Wallace Bryan, 1, 2	Salisbury
Schaaf, Bernard John, 1, 2	Chapel Hill
Schenck, Schuyler Charles, IV, 1	Los Angeles, Cal.
Schneider, Jacob Ben, 1, 2	Brooklyn, N. Y.
Scott, Mary Ledbetter, 1	Polkton
Scroggs, Frank Morrison, 1, 2	Statesville
Seawell, Ashley, 1	Sanford
Seawell, Cecil Anne, 2	Merry Oaks
Self, Dorothy Lindsay, 1	Lenoir
Sentman, Sara Crawford, 1	Statesville
Sessoms, Annie Laurie, 1	Ahoskie
Shaner, Joy Margery, 1	Harmony
Shankle, Aris Elizabeth, 1	Shannon
Sharpe, Mrs. Luther, 1	University
Sharpe, William David Pope, 2	Wilson
Shaw, Irma, 1, 2	Greensboro
Shlefstein, Israel Harry Lish, 1	Asheville
Shelton, John Craig, 1, 2	Charlotte
Shepard, Frank Armfield, 2	Liberty
Sherrill, John Little, 1, 2	Arden
Sherrill, William Aaron, 1, 2	Granite Falls
Shevick, Burke Bernard, 1	Winston-Salem
Shield, Mary Peterson, 1	Windsor
Shippe, Clara Ernestine, 1	Clinton
Shore, Roby Davis, 1	Hamptonville

Shute, Mary Francis, 1, 2	Monroe
Sikes, Charles Culpepper, 2	Monroe
Silverstein, Louis, 1, 2	Brooklyn, N. Y.
Simpson, Ida, 1	Burlington
Simpson, Jean, 1	Madison
Simpson, Marcus, 1, 2	Unionville
Sinclair, Atwell Elizabeth, 1	Hampton, Va.
Sinclair, William Taylor, 1	Shelby
Singletary, William Currie, 1, 2	Clarkton
Singleton, Nancy Virginia, 1	Henderson
Singley, Leslie Keeley, 1, 2	Hendersonville
Sinquefield, Marguerite Fryer, 2	Louisville, Ga.
Sipe, Sarah Linn, 1	Murphy
Sitterson, Joseph Carlyle, 1	Kinston
Sitterson, Lella Mae, 1	Windsor
Skinner, Mrs. L. E., 1	Elizabeth City
Slack, Ruth Elizabeth, 1	Randleman
Slater, Joseph Elvy, 2	New Bern
Slater, Suzanne Carroll, 1	Orangeburg, S. C.
Sledge, Beatrice, 1	Draper
Sledge, Mrs. Robert Stevens, 1, 2	Draper
Sloan, Laura Alderman, 1	Wallace
Sloan, Thelma Imogene, 2	Somerset, Ky.
Slusser, Frank Willard, 1, 2	Chapel Hill
Smiley, A. L., 1	Bushnell
Smiley, Stanley, W., 1	Fort Bragg
Smith, Alice Lee, 1, 2	Hillsboro
Smith, Auta Mae, 1, 2	Oakboro
Smith, Amaziah Parker, 1, 2	Chapel Hill
Smith, Benjamin Hawkins, 1	Cranford, N. J.
Smith, Mrs. Bessie Laughlin, 1	Farmville
Smith, Betty Wright, 2	New Bern
Smith, Mrs. Claude Bowen, 2	Whitakers
Smith, Mrs. Coy Dees, 1	Wilson
Smith, Connie Elizabeth, 1, 2	Marshville
Smith, Eugene Whitmel, Jr., 2	Dunn
Smith, Juanita, 1, 2	Kelly
Smith, Jonathan Marshall, 2	Newell
Smith, Mary Emeline, 1	Wingate
Smith, Margaret Louise, 1	Polkton
Smith, Marion Vernon, 2	Fayetteville
Smith, Ora Mae, 1	Holland, Va.
Smith, Paul Henry, 2	Liberty
Smith, Ruby 1	Welch, W. Va.
Smith, Rena H., 1	Moyock
Smith, Willie Ballance, 1, 2	Fremont
Smith, Winifred Turlington, 2	Fayetteville
Smith, Zaidie Lapsley, 1	Greensboro
Smithey, Mamie, 1	Crumpler
Smithwick, Emily Nicholls, 2	Windsor
Smithwick, Laura Purnell, 1, 2	Blounts Creek
Snipes, Willie Bivens, 1	Wilmington
Snoody, Wilma, 1	Marion
Snow, Ophelia, 1	Macon, Ga.
Snyder, Thomas M., 1	Salisbury
Somers, Emma Virginia, 1	Elon College
Southard, Curtis Glenn, 1	Stokesdale

Southerland, Eleanor Catherine, 1, 2	Wallace
Southerland, Fred Jennings, 1, 2	Willard
Southern, Blanche Lorene, 1	Greenville, S. C.
Sowers, Philip, 1	Salisbury
Spain, Louise, 1	Greenville
Sparger, Eloise, 1	Mt. Airy
Sparrow, Mary Elizabeth, 1, 2	Hillsboro
Spence, Sidney Raleigh, 1, 2	Tangier, Va.
Spencer, Mary Inez, 2	Rock Hill, S. C.
Spivey, Louise Eaddy, 1	Lake Waccamaw
Springs, Esther White, 1	Charlotte
Starbuck, William Agiers, 1, 2	Winston-Salem
Starling, Helen Hazel, 1, 2	Smithfield
Steckel, Edwin Moore, 1	Gastonia
Stein, Joseph Bernard, 1, 2	Fayetteville
Stephens, Margaret Fitz-Randolph, 1	Lafayette, La.
Stephenson, Mrs. Claude, 2	Willow Springs
Stephenson, Eloise, 1	Severn
Stephenson, Edith Elizabeth, 1	Willow Springs
Stephenson, Lutie Estelle, 1	Gumberry
Sternberger, Solomon Bear, 1, 2	Wilmington
Stevens, Elizabeth, 1	Monroe
Stewart, Charles D., 1	Edenton
Stewart, Horace, 2	Wallace
Stewart, John Henry, 1, 2	Greensboro
Stimson, Frank Phillips, 1, 2	Statesville
Stinson, Orvis Daniel, 1	Goldston
Storey, DeVilla Barnes, 1	Eure
Stovall, Robert Glenn, 1, 2	Virgilina, Va.
Stowe, Charles Pinckney, 1, 2	Belmont
Strickland, Mary, 1	Salisbury
Strickland, Nelle, 1, 2	Nashville
Strickland, William Lawrence, 1, 2	Goldston
Strickland, William Samson	Dunn
Stubblefield, Constance, 2	Greenville, S. C.
Stubbs, E. Waldo, 1	Jackson Springs
Stutts, Elizabeth Hamer, 1, 2	Gibson
Styron, Vila, 1	Morehead City
Sugg, William Wingate, 1, 2	Chapel Hill
Suggs, Vellie Lee, 2	Queen
Suitt, Mrs. William Iverson, 2	Hillsboro
Sullivan, Avis Carolyn, 1	Cherryville
Sullivan, Ruth Fuller, 1	Laurens, S. C.
Sullivan, Winnie Sue, 1	Cherryville
Summers, Mabel Gray, 1	Dunlap
Suskin, Albert Irving, 1	New Bern
Swain, Everett Lloyd, 1, 2	Walkertown
Swartz, Kenneth Wagner, 1, 2	Chapel Hill
Swift, Thomas Henry, 1, 2	Mt. Vernon, N. Y.
Swilley, Claudys, 1	Valdosta, Ga.
Sykes, Sabra Elizabeth, 2	Columbia
Sylivant, Thelma, 2	Snow Hill
Tabb, William Shields, 1, 2	Wilmington
Talley, Hugh Avent, Jr., 2	Jonesboro
Tarkington, Hilda Grey, 1	Woodard
Tarry, Frances H., 1	Townsville
Taylor, Andrew DuVal, 1, 2	Charlotte

Taylor, Amos Hill, 1, 2	Bell Buckle, Tenn.
Taylor, Charles Winfield, 1	Rocky Mount
Taylor, Effie Lynn, 1	Louisburg
Taylor, Freida Glyn, 1, 2	Hoskin Station, Charlotte
Taylor, Huber Topping, 2	Como
Taylor, Julia King, 1	Wilmington
Taylor, Nannie Louise, 1, 2	Kinston
Taylor, Oza Clyde, 1	Oxford
Taylor, Ruth Cornelia, 2	McCullen
Taylor, Virginia Carolina, 1	Greenwood, S. C.
Teachey, Lucille Mary, 1	Rose Hill
Teague, Elsie Mozell, 1	Liberty
Teal, Mildred Gertrude, 1	Wadesboro
Temple, Sadie Eunice, 1	Cherryville
Terry, Mary West, 2	Pamplin, Va.
Thayer, Pearle, 1, 2	Eldorado
Thomas, A. J., 1	Durham
Thomas, Claudia Ida, 1	Jonesboro
Thomas, Fred Chalmers, 1, 2	Siler City
Thomas, Francis Edgar, Jr., 1, 2	Wadesboro
Thomas, Marion Bruce, 1, 2	Talladega, Ala.
Thompson, Alma Rhyne, 1	Mount Holly
Thompson, Bessie Willis, 2	Williston, S. C.
Thompson, Carrie Belle, 1	Goldsboro
Thompson, Charles Page, 1, 2	Swepsonville
Thompson, Dorothy Louise, 1	Hallsboro
Thompson, George Dewey, 1	Goldsboro
Thompson, George Ward, 2	Elizabeth City
Thompson, Lallah Mayes, 1, 2	Macon
Thompson, Margaret Claytor, 2	Ellerbe
Thompson, Mary Dulton, 1	Whiteville
Thompson, Neill Archie, 1, 2	Lumberton
Thompson, Reita, 1	Roper
Thompson, Ruby Pearl, 1	Black Creek
Thompson, Victor, 2	Lumberton
Thomson, Noelle, 1	Lake Waccamaw
Thorne, Agnes Patterson, 2	Airlie
Thurston, Doc Jones, Jr., 1, 2	Clayton
Tiller, Ida Katherine, 1	Kissimee, Fla.
Tillery, Paul Allen, 1	Raleigh
Tilley, Emma Ward, 2	Scotland Neck
Tillinghast, Anne Wetmore, 2	Fayetteville
Tillman, Naomi Ruth, 1, 2	Kannapolis
Timmons, Morris Massey, 1, 2	Chapel Hill
Tolar, Tosca Ellen, 1	Rennert
Tomeny, Rose Nell, 1	New Orleans
Tomlinson, Margaret Louise, 1	Wilson
Treadwell, Mary Elizabeth, 1	Arcadia, Fla.
Triplett, John Marice, 1, 2	Kerr
Tripp, Gilbert Allen, 1, 2	Blounts Creek
Trott, Graham Foard, 1, 2	Wilmington
Trotter, Jeanette Graham, 1	Pilot Mountain
Troutman, Louise Margaret, 1, 2	Statesville
Tsumas, Harry Pete, 1, 2	Statesville
Tucker, Celia Price, 1, 2	Concord
Tucker, Gladys Lee, 1	Monroe
Tucker, Ila, 1, 2	Stanfield

Turner, Mariaddie, 1, 2	Statesville
Tuttle, Myrtle Elizabeth, 2	Walnut Cove
Tyler, Elizabeth Veale, 1	Lawrenceville, Va.
Tyson, Mary Glenn, 1, 2	Carthage
Umberger, Elizabeth Lea, 1	Greensboro
Umphlet, Thomas Leonard, 1	Hertford
Underwood, Mary Frances, 1	Sanford
Underwood, Sara Petrona, 1	Blakely, Ga.
Upchurch, Mrs. Lonnie Mileton, 1	Belhaven
Usry, Bernice Garland, 1	Chapel Hill
Valentine, David Franciscus, 1	Newport, Ohio
Van Landingham, Mrs. C. G., 1	Wilmington
Van Winkle, Russell Griggs, 1, 2	New Brunswick, N. J.
Vanhoy, George McKinley, 1	Piney Creek
Vann, Edward Mathews, 1	Rocky Mount
Varner, Florence Lucile, 1	Whittier
Vaught, Elizabeth Walton, 1	Jacksonville, Fla.
Vaught, Mary Hardin, 1	Jacksonville, Fla.
Vernon, Gladys Viola, 2	Mayodan
Vernon, Homer Jamerson, 2	Leaksville
Vestal, Mrs. Herman Husband, 1	Hillsboro
Vinson, Albert Samuel, Jr., 1	Pikeville
Vinson, Irene, 2	Stedman
Vinyard, Dorothy M., 1	Milford, Del.
Virden, Annie Sue, 1, 2	Falcon
Voorhees, Drusilla Dofflemyer, 1, 2	Pine Hall
Wadsworth, John Golden, 1	Williamston
Wagoner, George Bryan, 1	Clemmons
Wagoner, Zella Bessie, 1	Sparta
Walker, Alma Erwin, 1	McCormick, S. C.
Walker, Bessie Mae, 1, 2	Asheboro
Walker, Elizabeth Scott, 2	Durham
Walker, Faye Ova, 1	Asheboro
Walker, Lily Herbert, 1	Greensboro
Walker, Lucile Sallie, 1, 2	Graham
Walker, Mildred, 1	Chapel Hill
Walker, Mrs. William Henry, 1	Poplar Branch
Wall, Mrs. Ben R., 1	Lilesville
Wall, Edwin Craig, 1	Lilesville
Wall, Herbert C., 1	Sophia
Wall, James Graham, 1, 2	Benson
Wallace, John, 1, 2	Pocahontas, Va.
Walston, Frank Leslie, 1	Walstonburg
Walter, Blanch Edna, 1	Kannapolis
Walters, Ethel Mae, 2	Raeford
Wannamaker, Inez Elizabeth, 1	Vance, S. C.
Wannamaker, Margaret Elise, 1	Vance, S. C.
Ward, Bernard Rudolph, 1	Fairmont
Ward, Clement Manly, Jr., 1, 2	Cerro Gordo
Ward, Evelyn Rose, 1	East Bend
Ward, Grace Margarette, 1	Wampee, S. C.
Ward, James Benjamin, 2	Cerro Gordo
Ward, Louise Foster, 1, 2	Whiteville
Ward, Martha Rebecca, 1	Burgaw
Ward, Roberta Vance, 1	Wampee, S. C.
Wardlaw, John Waller, 1, 2	Chapel Hill
Warren, Alma, 1	Newton Grove

Warren, Gladys Mabel, 1	Raleigh
Warren, John McCullen, 1	Durham
Warshauer, Samuel Edward, 1	Wilmington
Watkins, Alston Stoddard, 1, 2	Durham
Watkins, Rebecca Cheatham, 1	Henderson
Watkins, Thomas Henry, 1, 2	Jackson, Miss.
Watson, Johnnie Pearl, 2	Pine Level
Watson, Kenneth McQue, 1	Kenly
Waugh, Donald Byers, 1	Pelham, N. Y.
Weaver, Elsie, 1, 2	Pinetops
Weaver, James Ralph, Jr.	Chapel Hill
Webb, Margaret Baptist, 1	Bowling Green, Va.
Webb, Wilhelmina Lane, 1	Pinetops
Webster, Octola Sara, 1	Stokesdale
Webster, Rebecca Scales, 2	Greensboro
Weeks, Clarence Johnson, 1	Whitakers
Weeks, George Lafayette, 2	Rocky Mount
Weeks, Macye Blaine, 2	Peletier
Weeks, Mary Bell, 2	Swansboro
Wells, Eugene Ernest, 1	Greenville, S. C.
Wells, Katherine Platt, 1	Laurel, Miss.
Wells, Mary Elizabeth, 2	Smithfield
Wells, Molly Inman, 1	Midville, Ga.
West, George Edison, 1	Grassy Creek
West, Vonnie, 1	West's Mills
Westbrook, John Leonard, 1, 2	Mt. Olive
Wethington, Anna Christine, 1	Grifton
Wharton, Charles Watson, 1, 2	Smithfield
Wharton, Katherine Gibbs, 1	Waterloo, S. C.
Wheeler, Pauline, 1, 2	Benson
Wheeless, Elizabeth Maitland, 1	Rocky Mount
Whichard, Willis Guilford, 1, 2	Stokes
Whilden, Anna Elizabeth, 1	Williamston, S. C.
Whilden, Florence Nell, 1	Williamston, S. C.
Whisnant, Howard, P., 1	Belmont
Whisonant, Mary Agnes, 1, 2	Shelby
Whitaker, Roy Gilbert, 1, 2	Chapel Hill
White, Alice Boyd, 1	Manson
White, Anne Wilson, 1, 2	Raleigh
White, Chalmers Lindley, Jr., 1, 2	Concord
White, Elizabeth, 1	Bessemer City
White, Elijah Breckenborough, 2	Leesburg, Va.
White, Junia Groves, 2	Mooresville
White, John Summers, Jr., 1	Waban, Mass.
White, Lillian, 2	Greensboro
White, Marion Virginia, 1	Tillery
White, Nancye Elizabeth, 1	Manson
White, Rankin Jones, 1	Chapel Hill
White, Rebecca Margaret, 1	Osceola, S. C.
White, William J., 1	Columbia
Whiteley, Iley Chester, 1	Morganton
Whitener, Robert Vance, 1	High Point
Whitley, James Lucius, 1	Enfield
Whitley, Julia Mankie, 1	Faison
Whitley, Lois Elva, 2	Bethel
Whitley, Pauline Lois, 1	Siler City
Whitman, Eugene Trotter, 1, 2	Mount Airy

Whittington, Minnie Mae, 1, 2	Snow Hill
Whitworth, Aileen, 1, 2	Waco
Wilburn, Graham, 1, 2	Lillington
Wilcox, George, 1, 2	Newport
Wilcox, Mollye Ella, 1	Elk Park
Wiley, Samuel Richardson, 1, 2	Greensboro
Wilkins, Joe Monroe, 1	Sanford
Wilkins, Sally Kirby, 1	Goldsboro
Wilkinson, Charlotte Wimberly, 1	Rocky Mount
Wilkinson, Irene, 1	Selma
Wilkinson, John Archbell, 1	Pantego
Williams, Mrs. Buxton Parker, 1	Warrenton
Williams, Lillian M., 1	Cooper
Williams, Francis Dudley, 1, 2	Macon, Ga.
Williams, Irvine, 1, 2	Clover, Va.
Williams, Mrs. James Alexander, 1	Wingate
Williams, Martha Ann, 2	Clover, Va.
Williams, Mary Louise, 1	Washington
Williams, Mamie Ruth, 1	Milledgville, Ga.
Williams, Ruby, 1, 2	Barnesville
Williamson, Colie Vernon, 1, 2	Hobucken
Williamson, Virginia Holt, 2	Burlington
Willis, Meade H., 1, 2	Winston-Salem
Wilson, Emile May, 1	Southern Pines
Wilson, Frank Jonathan, 1	Acme
Wilson, Joseph Townsend, Jr., 1	Pitman, N. J.
Wilson, Louise Adelaide, 2	Middleburg
Wilson, Lottie Hortense, 1	Nebo
Wilson, Mewborn Braxton, 1	Dover
Wilson, S. Elizabeth, 1	High Point
Winburn, Bess James, 1	Midville, Ga.
Winecoff, Marjorie Elizabeth, 1, 2	Kannapolis
Winfree, Peyton Brown, Jr., 1, 2	Lynchburg, Va.
Winn, Elizabeth, 1	Due West, S. C.
Winslow, Park McMaster, 1, 2	New York, N. Y.
Winstead, Sadie, 2	Raleigh
Winston, George Tayloe, 2	Chapel Hill
Wiseman, Eva Antoinette, 1, 2	Spencer
Witherspoon, Elizabeth Montgomery, 1	Mayesville, S. C.
Womack, Leonora, 1, 2	Warsaw
Wood, Anna Dudley, 1	Johnson City, Tenn.
Wood, James Cullen, 1, 2	Apex
Wood, Mrs. Loyd Thomas, 1	Clinton
Woodall, Marshall Franklin, 1	Benson
Woodard, Norwood Bernice, 1, 2	Kenly
Woodard, Wayne Owen, 1	Bryson City
Woodcock, Dorothy Idell, 2	Kelly
Woodley, Vysta, 1	Ellerbe
Woodlief, Irene Johnnie, 2	Youngsville
Woodrow, Katherine Hamilton, 1	Columbia, S. C.
Woods, Margaret Henry, 1	Hillsboro
Woody, Elizabeth, 1	Bear Creek
Woody, Lucile, 1, 2	Woodsdale
Woolard, Elsie Mildred, 1	Henderson
Wooten, Estelle, 1	Clarkton
Wooten, Robin Nathaniel, 1, 2	Olin
Workman, Lillie Mae, 1	Chappells, S. C.

Worrall, Tom McVicker, 1, 2	Asheville
Wrenn, Ola, 1, 2	Steeds
Wright, Mrs. John Everett, 2	Shiloh
Wright, Pauline, 1, 2	Pittsboro
Wright, Veata Docia Soles, 2	Tabor
Wyatt, Sadie Louise, 2	Lexington
Wyrick, Charles Lloyd, 1, 2	Greensboro
Yarbrough, Mary Caroline, 1	Timberland
Yarbrough, Virginia Wright, 1	Burlington
Yates, Ruth, 2	Winston-Salem
Yorke, Katherine Arleen, 1, 2	Stony Point
Young, Vesta Lucile, 2	Brevard
Young, Wiley Royster, 1, 2	Angier
Yow, Maude Foushee, 2	Siler City
Zachary, C. R., 1	Franklin
Zappa, Frances Vincent, 1, 2	Baltimore, Md.
Zazik, Isidore M., 1, 2	New York, N. Y.
Zeigler, Pauline Gervais, 1	Orangeburg, S. C.
Zibelin, Cedric Vollers, 1	Wilmington

SUMMARY OF STUDENTS, 1930-1931

	Men	*Women*	*Total*	*Total*
GRADUATES:	195	91	286	286
UNDERGRADUATES:				
Fourth Year	356	48	404	
Third Year	417	65	482	
Second Year	671	7	678	
First Year	862	1	863	2,427
SPECIAL STUDENTS:				
Pulic Welfare	1	.....	1	
All other Specials	30	7	37	38
STUDENTS IN LAW:				
Third Year	25	.....	25	
Second Year	33	1	34	
First Year	53	.....	53	
Summer (1930—Credit)	78	2	80	192
STUDENTS IN MEDICINE:				
Second Year	37	2	39	
First Year	41	1	42	81
STUDENTS IN PHARMACY:				
Third Year	23	1	24	
Second Year	18	1	19	
First Year	30	.....	30	73
Totals	2,870	227	3,097	3,097
STUDENTS IN THE SUMMER QUARTER (1930):				
Graduates	327	252	579	579
Undergraduates	631	1,042	1,673	1,673
Total in the Summer Quarter				2,252
Academic and Summer Quarter Totals				5,349
STUDENTS IN THE EXTENSION DIVISION:				
Correspondence (Degree Credit)	387	115	502	
Correspondence (Degree and Certificate Credit)	16	74	90	
Correspondence (Certificate Credit)	117	860	977	
Correspondence (Non-credit)	16	28	44	
Class Instruction (Degree Credit)	28	20	48	
Class Instruction (Degree and Certificate Credit)	82	600	682	
Class Instruction (Certificate Credit)	161	1,105	1,266	
Class Instruction (Non-credit)	127	.....	127	
Total in the Extension Division	934	2,802	3,736	
Regular in the Extension Division	791	2,774	3,565	
Total, Regular Students	4,619	4,295	8,914	8,914
Deduct for Names Counted Twice				446
Net Regular Students				8,468
Total of Non-credit Students (omitting duplicates)				171
Grand Total (omitting duplicates)	4,531	4,108		8,639

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